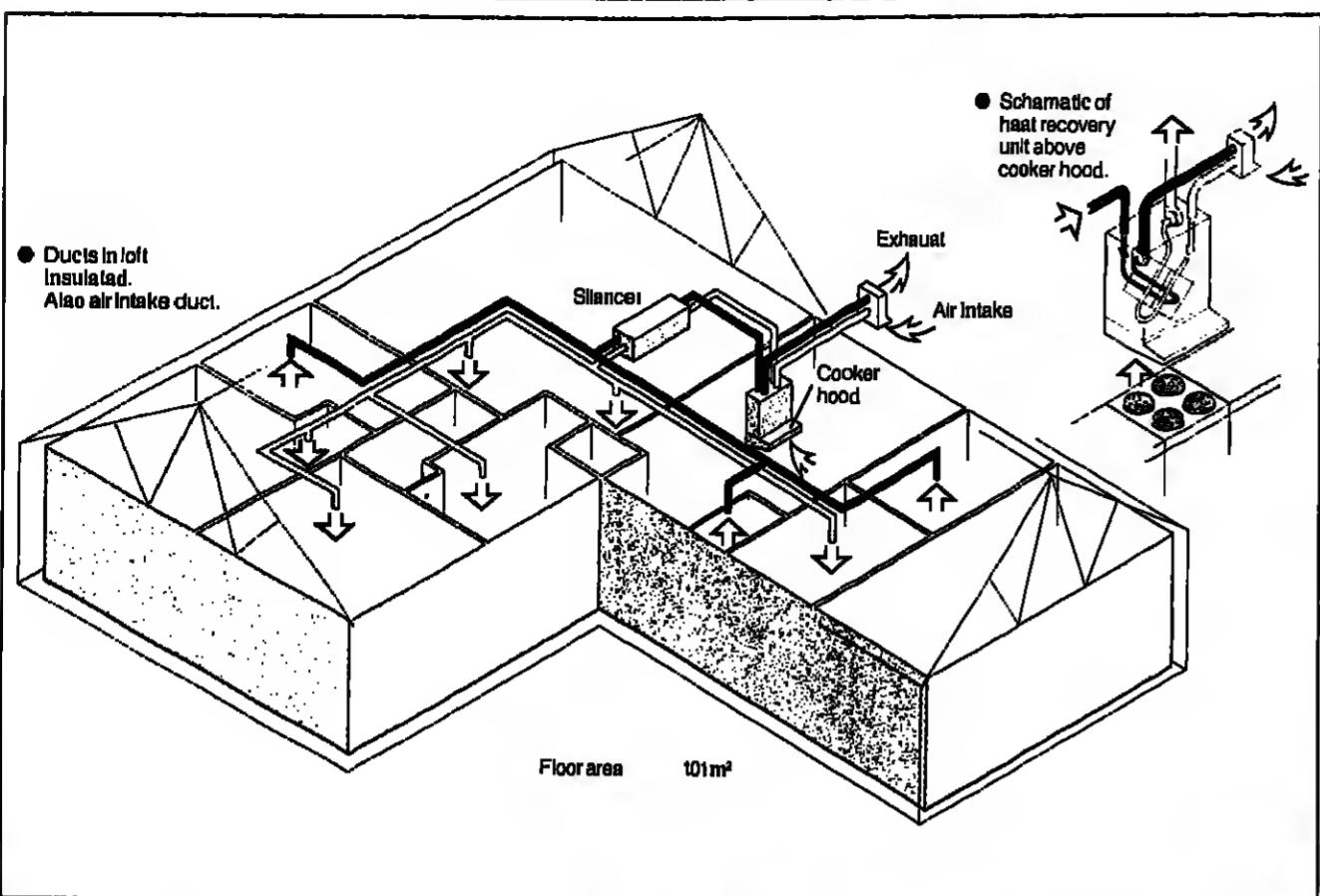


## News



The heat recovery system.

## Housebuilder sets higher energy standard

A MAJOR housebuilder has taken a lead supporting the electricity supply industry's efforts to set fresh standards of energy efficiency and comfort in housing.

Rendell Homes, a member of the Lovell Group, is building a range of all-electric homes to a new electricity supply industry specification. The first 26 homes are being constructed as a joint development project with the electricity industry at The Ridings, Devizes.

The specification ensures that occupants will enjoy comfortable room temperatures, low running costs and a continuous supply of fresh air.

Homes built to the new energy-efficient house design must have high levels of thermal insulation and electric space and water heating designed to make the most of less than half-price electricity on the Economy 7 tariff.

The roof, walls and floor must all be insulated to much higher levels than required by the Building Regulations and the specification also incorporates energy-saving features such as low U-value windows and doors.

The novel aspect of the design, however, lies in combining these features with a controlled ventilation and heat recovery system which provides a continuous supply of clean, fresh air to the

living rooms, while removing moisture and odours and helping to prevent condensation.

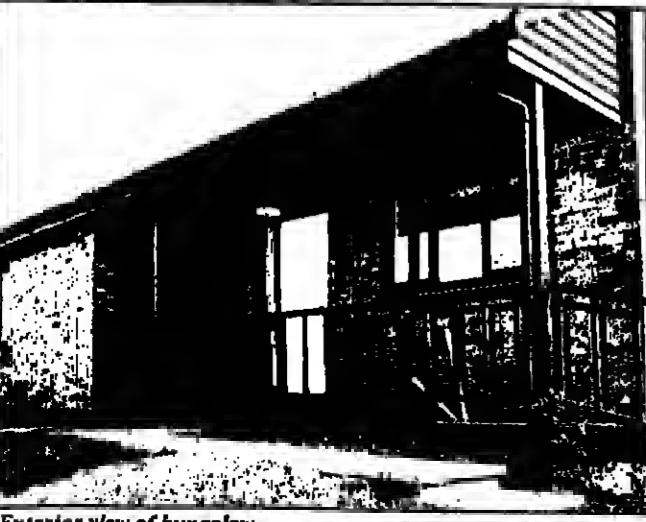
The fan-operated ventilation unit, hidden above its integral cooker hood, removes smoke and smells by extracting stale or moisture-laden air from the kitchen, bathroom and wc. Filtered fresh air is ducted into living rooms and bedrooms from outside via ceiling-mounted grilles.

A heat recovery system saves energy by reclaiming between 60 and 65 per cent of the heat produced by domestic appliances, people and the sun shining through windows, and adding it to the incoming fresh air.

Weatherstripping around doors and windows, combined with other design details, ensures that the houses are much more airtight than conventional homes. Heat losses are further prevented by the fact that the windows need never be opened in winter.

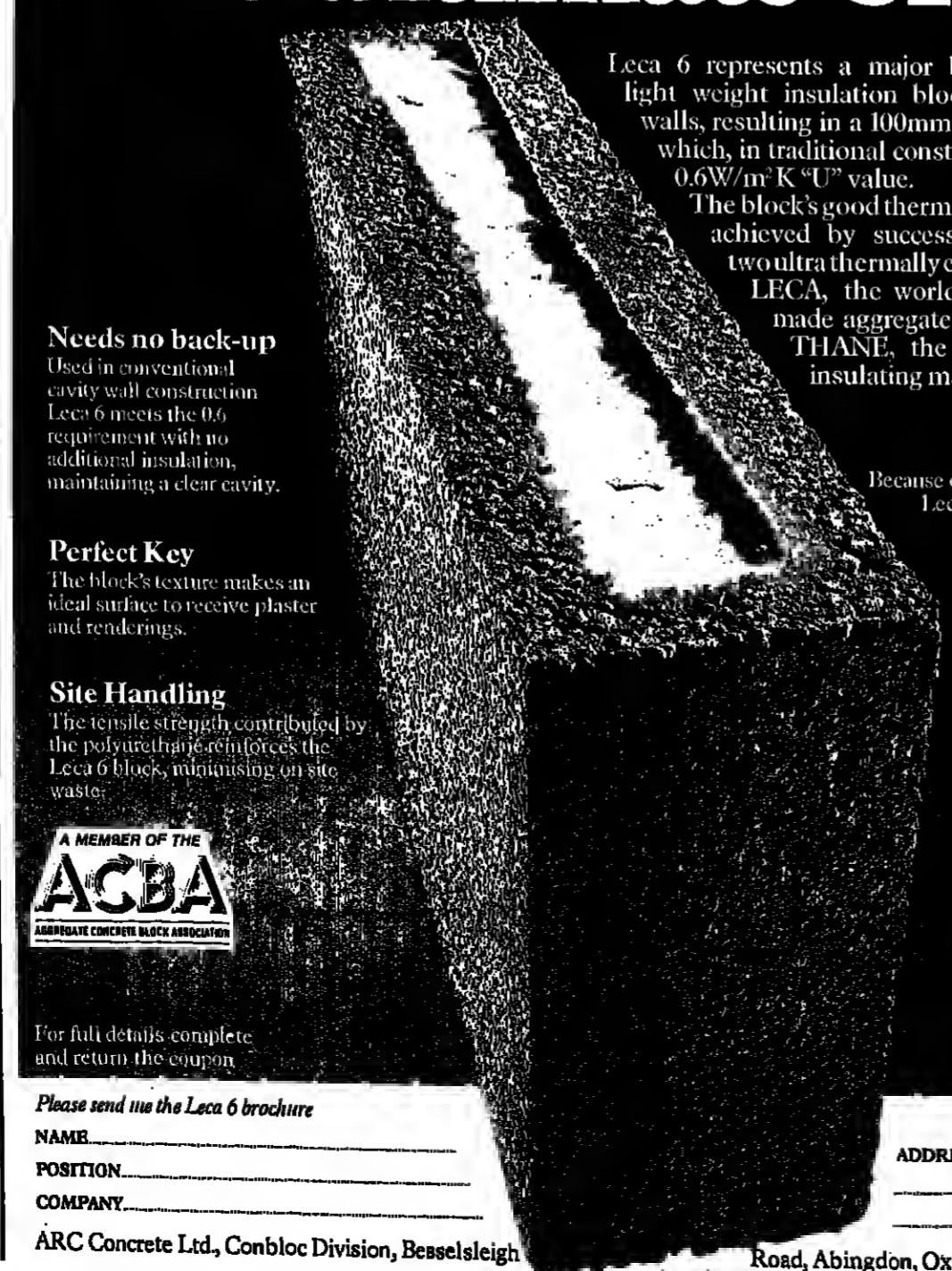
The new specification has been adopted by the electricity supply industry as the next logical stage in its efforts to encourage more energy efficient housing.

It is intended as a progression from the industry's successful Medallion Award scheme for private sector, low-energy housing. More than 90,000 dwellings have been committed to the Medallion Award specification since the scheme was launched in 1978.



Exterior view of bungalow.

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ON EXPRESS

## Blockwork gives an energy boost

DEMAND for Aercrete blocks since 1979 has risen faster than the demand for blocks in general, claims the Autoclaved Aerated Concrete Products Association.

Deliveries have increased from around 2.1 million cu m in that year to about 2.4 million in 1985 — a 14 per cent increase.

During the same period Aercrete's share of the total blockmarket increased from about 29.5 per cent to around 31.5 per cent.

In the first few weeks of this year the demand for Aercrete products was substantially more than over the corresponding period in 1985, and the association expects the trend to continue throughout 1986, estimated at more than 2.5 million cu m.

Autoclaved aerated concrete originated in Sweden in 1929. It was first introduced into Britain in the 1950s and has since been developed forming a wide range of building products.

Building blocks and insu-

lation are very much interrelated — certainly since April 1982, when the Building Regulations required a U-value of 0.4 on the external walls of new dwellings.

Traditional constructions of brick and block are said to offer high "comfort" levels. This refers to the thermal capacity of blocks — the ability of the structure to store heat in the building and to reduce fluctuations in internal temperature.

This ability to store heat is one of the chief components of the current theories of passive solar design. Blockwork construction, coupled with large areas of south-facing windows, is now considered as producing one of the most thermally efficient types of building.

Its windows accept the radiation from the southern sky — even on cloudy days — and absorbed and stored within its structure and emitted into the interior when the outside temperature falls.

# BUILDING DESIGN

The weekly newspaper for the design team

FRIDAY AUGUST 1 1986

No 798

### Birmingham hotel revamp

## 'DALLAS' DESIGN LOSES ITS GLITTER

PROPOSALS for a unique triangular-shaped tower for the centre of Birmingham have been dropped after a dramatic cost-cutting exercise by the developers.

All entries are to be exhibited in Lyme Regis in the near future. The competition was promoted by West Dorset council.

• PHILIP RANDALL & PARTNERS, with Bucklers Way Developments, have won the competition to redevelop the site of Bruce House a working men's hostel in London's Drury Lane.

The scheme, which provides 72 flats and a 120-place hostel, now has to obtain planning permission from Westminster council and listed building consent from the DoE.

The architects have revealed that the hotel has been redesigned. A fresh planning application was submitted to Birmingham council in June this year.

A spokesman from RHWL said: "The building was unique

and everyone involved was very excited about it, but there was a premium attached to it that no one was prepared to pay."

The construction company, Tarmac, refused to reveal the cost of the new design, but it is known to be substantially less than the original figure of £30 million.

The new application shows a conventional tower, four storeys

lower, and radically redesigned around the base, replacing the wings with podium buildings or the back of the block.

The council said that plans for a bridge linking the hotel with the £106 million convention centre opposite had also been dropped. A spokesman said a bridge did not feature in the new application although an allowance had been made for one in the future.

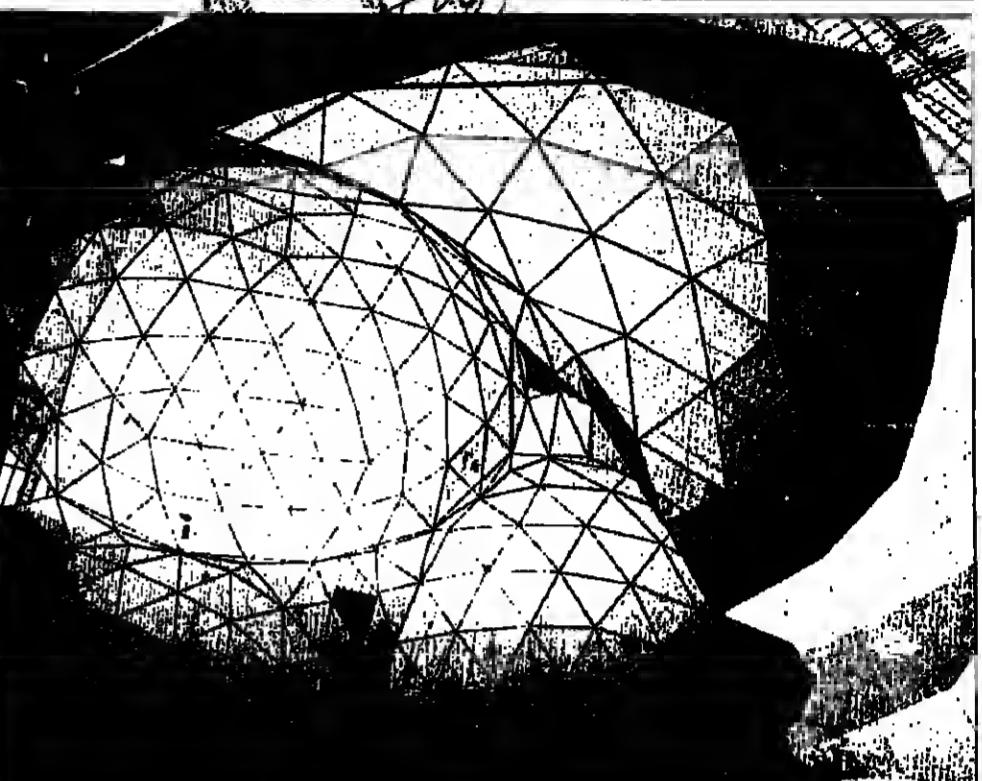
The wall-climber lifts are included in the new design, as is the mirror glazed finish that has become the building's hallmark.

The hotel has also been moved from the Gas Street Basin end of the site towards Bridge Street.

But the Royal Fine Art Commission — which consid-

ered the scheme unique

continued page 3



View from within the Stephenson Evitts dome.

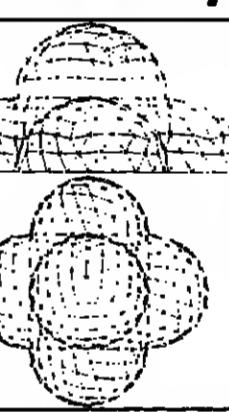
## Dome of discovery

The largest indoor configuration of geodesic domes in Britain was raised into place at London's Olympia exhibition centre this week, for the opening of "Riyadah yesterday and today".

The dome, created by Stephenson Evitts Systems, is 30.5m in diameter (a mere 3.6m less than the Whispering Gallery of St Paul's) and more than 21m high.

With the help of computers a 1.25-tonne dome was developed à la Buckminster Fuller, constructing a spherical surface by dividing it into triangles — and was electrically hoisted into place in just three days. A lighting tower in the middle projects images of the Riyadah skyline.

Riyadah preview page 2.



Elevation and plan.

## Competition showcase

A SERIES of exhibitions of entries to competitions arranged with the RIBA is to be shown in brick manufacturer Ibstock's network of advice centres throughout Britain.

This follows the successful collaboration with the RIBA's 40 under Forty exhibition, currently in the United States, which Ibstock sponsored.

The opening show, in October or November, is expected to include entries for the Leeds Playhouse competition, won by the Appleton Partnership.

## BushBoard



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1 x Pack P

1 x Pack Q

1 x Pack R

1 x Pack S

1 x Pack T

1 x Pack U

1 x Pack V

1 x Pack W

1 x Pack X

1 x Pack Y

1 x Pack Z

1 x Pack AA

1 x Pack BB

1 x Pack CC

1 x Pack DD

1 x Pack EE

1 x Pack FF

1 x Pack GG

1 x Pack HH

1 x Pack II

1 x Pack JJ

1 x Pack KK

1 x Pack LL

1 x Pack MM

1 x Pack NN

1 x Pack OO

1 x Pack PP

1 x Pack QQ

1 x Pack RR

1 x Pack SS

1 x Pack TT

1 x Pack UU

1 x Pack VV

1 x Pack WW

1 x Pack XX

1 x Pack YY

1 x Pack ZZ

1 x Pack AA

1 x Pack BB

1 x Pack CC

1 x Pack DD

1 x Pack EE

1 x Pack FF

1 x Pack GG

1 x Pack HH

1 x Pack II

1 x Pack JJ

1 x Pack KK

1 x Pack LL

1 x Pack MM

1 x Pack NN

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## Rostrum

ON August 31 the Boilerhouse Project closes the doors on its temporary home at the Victoria & Albert Museum and prepares to move to a permanent site in Butler's Wharf.

Due for completion in early 1988, the promised conversion plan to turn 4,000sq m into a new exhibition, conference and restaurant facilities, as well as a permanent collection of objects (most of which are still to be acquired).

The Boilerhouse, funded by the Conran Foundation, with Stephen Bayley as its first director, opened its clinical white-tiled gallery in 1981. It was given a basement site at the Exhibition Road entrance to the V&A and granted a status something like that of an embassy in a foreign land. With private funding, it pursued an individual approach to publishing design.

Twenty-three successful exhibitions later, Conran and Bayley can congratulate themselves on the progress made in the first five years. In retrospect the choice of site was inspired, and in return for playing the role of foster parent, the V&A will now inherit much-needed extra gallery space. At the same time the Boilerhouse's exhibition programme boosted

# The last picture show

Catherine McDermott backgrounds the history of the Boilerhouse Project and reviews its last exhibition at the Victoria & Albert Museum.



Dr Martens shoes and boots, an enduring feature of teenage style.



The graphics and style of 1950s Brylcreem advertising is making a comeback.

The subject of youth culture didn't lend itself naturally to the constrained layout used at the Boilerhouse.

Attendance figures and satisfied the growing public interest in all aspects of contemporary design and style. No one could suggest that the range of subjects covered, from Coke to Ken Grange, has not been diverse, while the excellent catalogues have provided a much-needed source of published material on design.

The exhibition programme has also attracted tremendous media interest. Five years ago it was rare to find an exhibition on design covered by a national newspaper. The Boilerhouse has helped to change all that, and the V&A will now inherit much-needed extra gallery space. At the same time the Boilerhouse's exhibition programme boosted

Two of the products include reveal, through their advertising campaigns, the enduring power of 50s teenage style. The nostalgic myth of post-war America was exploited for its current campaign for Levi's jeans. Also highlighted were the 50s revival style posters for Brylcreem, particularly memorable for recreating 1950s period colours, the most distinctive of which is a verdant green.

It must be said that in the last five years the Boilerhouse has often provoked aggressive media coverage. Reviews have generally been guarded and less than kind, a situation particularly true of exhibitions like "Taste and national characteristics in design". Relying on distinguished academics and practitioners to contribute their expertise, the planning of these exhibitions is rumoured to have been problematic, leading to suggestions of walk-outs, rows and personality clashes more in keeping with an opera company than a museum.

Bayley has generated controversy, but his achievement has been to focus interest on important, though neglected, areas of design. The last exhibition, "14-24 British Youth Culture", is no exception. The ideas and consumer goods generated by teenage culture are arguably Britain's most important post-war export. In 1985, for example, Neil Kinnock described the pop video as "Britain's last vital industry".

But these issues are rarely discussed, and the exhibition takes as its theme the idea of youth culture through commodities, and the marketing of goods which include the Lambretta, HMV records, and Dr Martens shoes.

Although this rather clichéd approach may

SACKED council architect Keith Holdsworth has complained to the Audit Commission about an "independent" district auditor's report into alleged overpayments on council building contracts.

Chief audit inspector Les Stanford is looking into the allegations of "inaccuracies, omissions and bias" in the council-commissioned report and could order a re-examination.

New Forest District Council sacked Holdsworth earlier this year for "serious misconduct", but he maintains he lost his job after stumbling across large overpayments in council building contracts (News February 7).

As an exhibition, however, there simply isn't enough to see. Youth culture is not a subject that naturally lends itself to the constrained layout of the curving black boards used at the Boilerhouse. The approach is too didactic, with overlong captions and insufficient objects. Even with some background Rock 'n' Roll music, the overall effect was curiously flat, enjoyable on the level of non-alignment but with few surprises.

As for the future, the imminent closure provides a natural breathing space to rethink the Boilerhouse's longer-term direction. Bayley plans to take some time out of the country to look at design on an international level before he commits himself to the shape of his new enterprise.

But the feeling is of a fresh start at Butler's Wharf, and there is even talk of a change of name. A competition has been launched, in collaboration with *Designer* magazine, and entry (with a case of wine for the winner) is still open.

Already the staff refer to the site as the New Boilerhouse and my guess is the name will be retained for reasons of easy recognition.

49 major projects — including hotels and tourism attractions — completed in the January-June period, and others under construction accounting for £742m.

The period under review saw some £198m being invested in new hotels completed or under construction. Whereas central London had only one major new hotel under construction (the 270-room, £9.2m Ibis at Euston Station), most big refurbishment schemes were in central London.

These included a £5m refurbishment of Grand Met's Forum Hotel in Kensington, a £7m refurbishment of Intercontinental's Britannia, and a £6.5m refurbishment of Taj International's St James's, including health club and business facilities.

Outside London, no fewer than 21 major new hotels were under construction or waiting to start, most notably the £30m, 350-room Hyatt alongside the new Birmingham Convention Centre.

Other new hotel projects of more than £1m included a 65-room Anchor hotel at Ashford, Kent; the conversion of Chester's Georgian Hoole Hall into a 99-room hotel; a 112-room, four-star hotel at East Midlands Airport; a new Ladbrooke Hotel (170 bedrooms) at Manchester Airport; and others at Guildford, Kings Lynn, Maidstone, and on the Grosvenor motorway service areas at Exeter.

Among hotel refurbishment and improvement schemes in progress outside central London, the Queens, Brighton (£7m; 76 rooms, pool, night-club), Liverpool's Britannia Adelphi (£9.5m; refurbishment of 300-room hotel with adjoining exhibition centre), and the £14m refurbishment of Manchester's Midland are noteworthy.

Hyatt, Tarmac and the council are trying to negotiate a new deal with the DoE, but so far no figure has been agreed on.

A spokesman from the council's treasury department said the hotel could not be built without a Government grant. If the DoE failed to find the money, Birmingham would be forced to explore other sources.

Tourism Investment Report, January-June 86, £25 from 4 Bromel Road, London SW4 0BZ.

Peter Hepplestone points out some valuation errors and notes that there have been omissions where work paid for by the council has not been done.

New Forest chief solicitor Paul Croft admitted the auditor found there was evidence of procedural weakness within the council's technical services department, but that steps were

dispensed with his services has been given to the authority's disadvantage.

Holdsworth has sent a nine-page commentary to the Audit Commission listing the report's main faults.

Meanwhile, the fight to clear Holdsworth's name goes on and the battleground has moved to the High Court. He is claiming costs and damages against New Forest, arguing that because the council ignored standard procedural guidelines his sacking was null and void.

But the council has denied any procedural discrepancies and said it would be fighting the case "as well as taking other action" over the accusations.

A spokesman for the council's solicitors department would not expand on what the "other action" might be, but said the council had already decided it

would not be in its interest to

hold a hearing to tighten those areas.

Holdsworth has been called by the auditor's final conclusion, which he sees as a personal attack.

This says: "I do not question Mr Holdsworth's capabilities as an architect, but from the in-depth audit of three contracts with which he was connected and reading the considerable number of related files and from talking to officers who worked with him it was clear he was a difficult person to work with."

His attitude and manner were not conducive to being an efficient team member and there is no doubt in my mind from the evidence seen that the decision taken by the authority to

reinstate Holdsworth.

"His conduct has resulted in the complete undermining of the mutual trust and confidence essential to both the relationship between himself, fellow professionals, employees and councillors, and himself and the council as an employer," he said.

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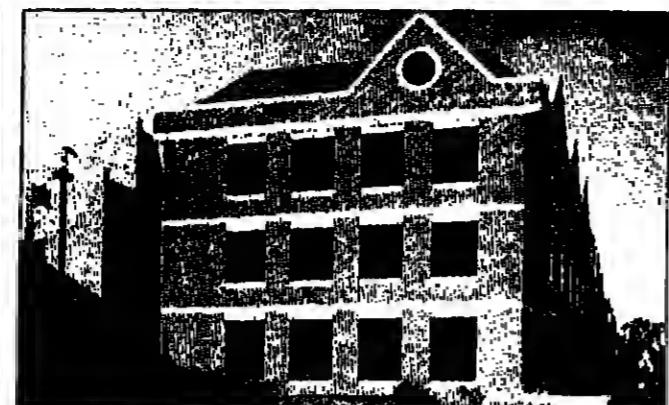
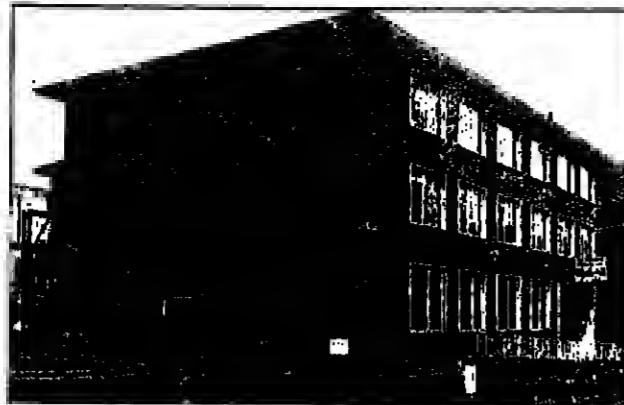
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## News

So thirty years on . . .

Before: elegant and unobtrusive 1950s four-storey brick building, single-glazed, naturally ventilated and no lift. After: 1980s corporate post-modern, energy-conscious, air-conditioned, new "executive" fifth floor, roof garden, strengthened floors and high-speed lift. Cost: two-thirds that of new build, 36-week contract, and rapidly obtained planning permission. The architects: Hutchinson Locke & Mork. The project: Boston House, The Little Green, Richmond.



## Thatchers' woes solved

THE problems of thatched roofs have been tackled in a new pamphlet — *The care and repair of thatched roofs* — published by the Council for Small Industries in Rural Areas and the Society for the Protection of Ancient Buildings.

Written by architect Adele Wright and master thatcher Peter Brockett, the pamphlet costs £1 from CoSIRA, 141 Custis Street, Salisbury, Wilts SP1 3TP, or SPAB, 37 Spital Square, London E1 6DY.

The new code, the AIA has

By John Wood

been told by the US Justice Department, does not break American antitrust laws.

The institute has had a

voluntary code since 1979 when the department ruled that it was on competitive bidding for a 16-page mandatory code of ethics and professional conduct.

The new code comprises six basic sections covering general obligations, obligations to the

public, the client, the profession and to colleagues, and rules covering enforcement of the code.

Each portion is in three sections. Broad principles of conduct, ethical standards of specific goals which members should aspire to in their work, and rules of conduct, which if broken would constitute grounds for AIA disciplinary action.

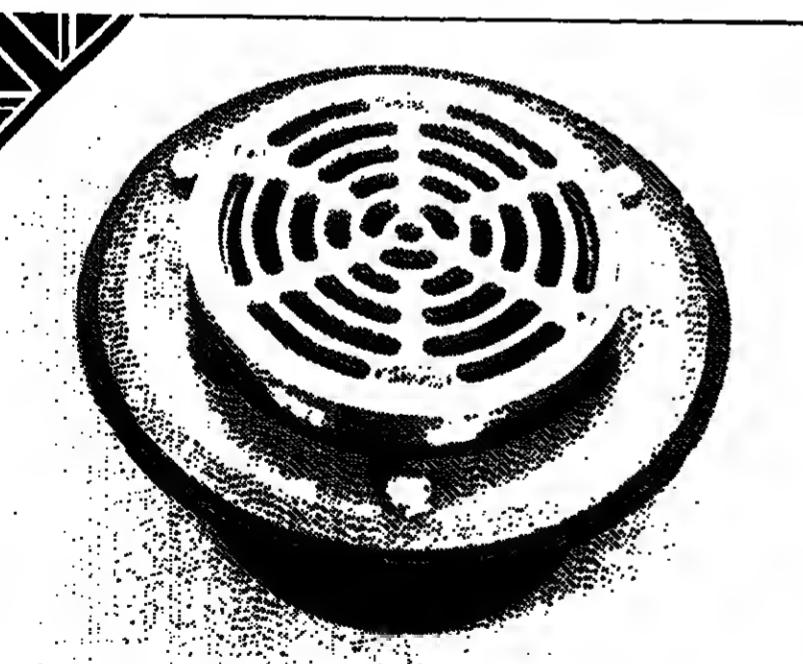
Penalties for breaking the code vary from censure to expulsion from the institute. It is due to come into force in January 1987.

• The American design professions are supporting a new insurance concept known as "unified risk".

It involves contractors and designers agreeing not to sue each other and all parties in a construction project being covered by three integrated insurance policies.

The AIA and the American Society of Landscape Architects are two of seven professions backing the scheme.

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## News

## Council housing appeal on the cards

BIRMINGHAM council is considering an appeal against a decision by local magistrates ordering it to refurbish an eight-storey housing block — because it is a health hazard.

If Birmingham loses its appeal the ruling could open floodgates to claims and other local authorities will be faced with multi-million pound bills.

Tenants in two blocks on neighbouring estates have already started proceedings against the council.

Legal officials working for the council argued that only five flats in Beale House, the subject of the action, were defective. They had poor insulation and inefficient heating, causing mould and condensation to appear on walls.

But city magistrates ruled that the whole block would be affected and that any remedial work should cover all 52 flats.

A major refurbishment programme with the installation of a new heating system, upgrading of the exterior cladding, and replacement of the metal frame windows could cost the council up to £1 million.

The council has asked the Government to increase its housing investment programme allocation to £36 million next year.

This amount would tackle "only the tip of the iceberg", but is felt to be a realistic sum.

No final decision has been made on the sites, but it is

## Council fury at plans for development corporations

CAMDEN council is evacuating all tenants from the Hawkridge tower block on the Kentish Town estate while major strengthening work is carried out and the gas supply removed.

A recent survey by the council showed that the 15-storey Reema block was not strengthened to government specifications and was in danger of collapse in the event of a small gas explosion.

It is thought that Hawkridge is the last Reema tower block in Britain with a gas supply.

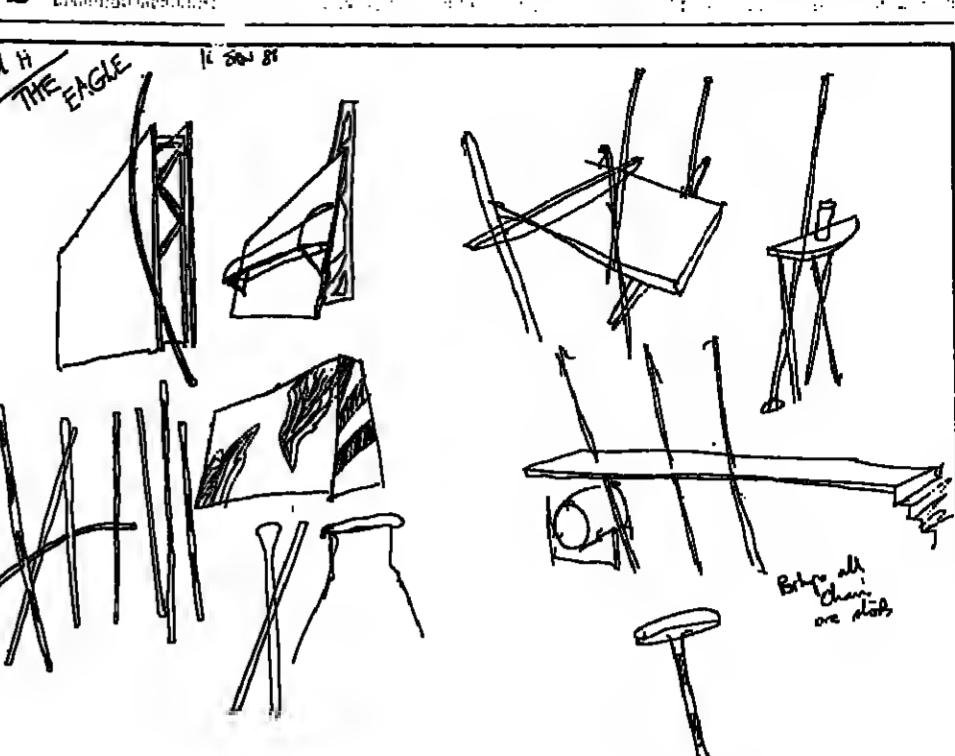
FOUR local authorities are reacting angrily to Government plans to designate them as urban development corporations along the lines of those in Docklands and Merseyside.

A council spokesman said any move by the DoE to turn Trafford Park — an industrial estate of 1,600 acres — into a development corporation would be "premature".

A spokesman from the council said: "We are not interested in becoming a development corporation".

A DoE spokesman said it would make life easier "if local authorities agreed to co-operate with the Government over this", but he doubted if their objections would have any impact on the Government's final decision.

• Housing minister John Patten has used the 1980 Local Government Act to order Doncaster council to sell off 8ha of prime building land within six weeks.



## DoE says plan is a 'betrayal of heritage'

Alsop & Lyall are currently on site with the conversion of the Eagle pub in London's Farringdon Road for Watney Truman Mann. Regulators can expect some dramatic changes when work is finished for the official reopening in September, as is hinted by Bill Alsop's preliminary sketches.

## Flights of fancy

In

any event, infrastructure problems which would occur if the scheme was given permission would prejudice another proposal for 500 homes nearby.

By Will Alsop

THE DoE has vetoed plans for a 300-home speculative development near Crawley, West Sussex, because it would be a "betrayal of our heritage".

The development, subject of

an appeal by Charles Church,

would have surrounded a Grade I-listed Saxon church in the village of Worth.

The environmental objection to the development was so

strong that the secretary of state

would not even consider arguments about land supply.

By Will Alsop

Hall's future

COMPLETION of the restoration of Grade I-listed Barlaston Hall in Staffordshire is now in sight. British Coal has agreed to protect the hall from further subsidence and pay compensation.

## Cash for Hartlepool

HOMES in Hartlepool will be improved with the aid of a £255,000 Government grant.

The cash will go towards a £722,000 project to refurbish and convert 44 flats, maisonettes and houses in the Brunswick Grove area.

The move confirmed the Government's determination to improve conditions for Hartlepool residents, said Patten.

## Seven up for help

SEVEN housing estates are to be refurbished in programmes totalling more than £27 million.

More than 4,000 homes will gain from measures by the DoE Urban Housing Renewal Unit, regional offices and local authorities to improve security and try remodelling of some estates.

## Winning rural design acclaim

The Stradbroke Workshops are the built result of a competition set up by English Estates in 1983 "to encourage the design of low-cost, adaptable, small industrial units environmentally acceptable in rural locations" (See BD November 25, 1983). Jon Brromo and Simon Conder won the commission against 30 other

practices with offices in Norfolk and Suffolk. Four blocks are arranged around a court and linked by a perimeter wall to establish a relationship with local precedent.

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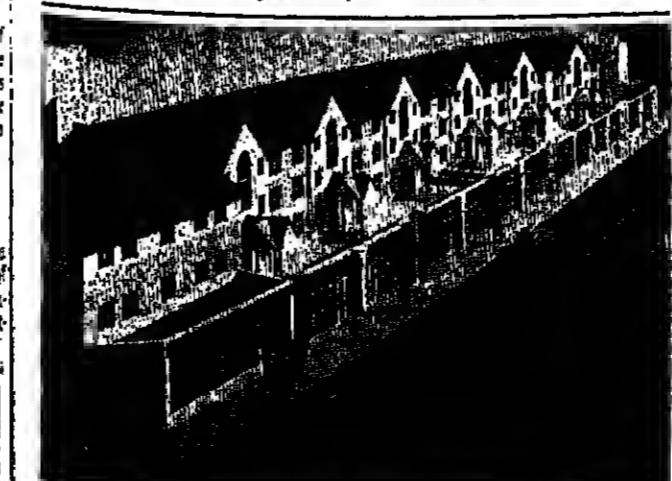
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## Hackney addition

Hackney's Looeoo Terrace is the latest residential and retail development in the borough with "architect designed" tag on. Merlon Property Developments, London architects Garrick Thomas and Irish designers Arthur Glancy & Associates have come up with a development of 41 "uniquely designed homes sympathetic to their particular environment" in Hackney Road.

The scheme features a central plaza with the flats arranged in a crescent.

Two residential studios with a basement level work area front the development and look out onto Hackney Road.

Local estate agents Alan Selby & Partners are now marketing the first residential phase of the development. Flat prices start at £55,495.

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## Foster's BBC plans for RA show

ONE of the best-kept secrets of recent years, Foster Associates' plans for the aborted BBC Radio broadcasting headquarters, will finally go on public show in October at the Royal Academy's Foster, Rogers, Stirling exhibition.

Selected from an international shortlist of architects, including Terry Farrell and Richard Rogers, Foster's office was appointed in late 1982 to design the £100 million replacement for the Grade II-listed Langham Hotel used by the corporation since the war. The scheme was finally dropped one year ago when the BBC bought the White City stadium site for its expansion.

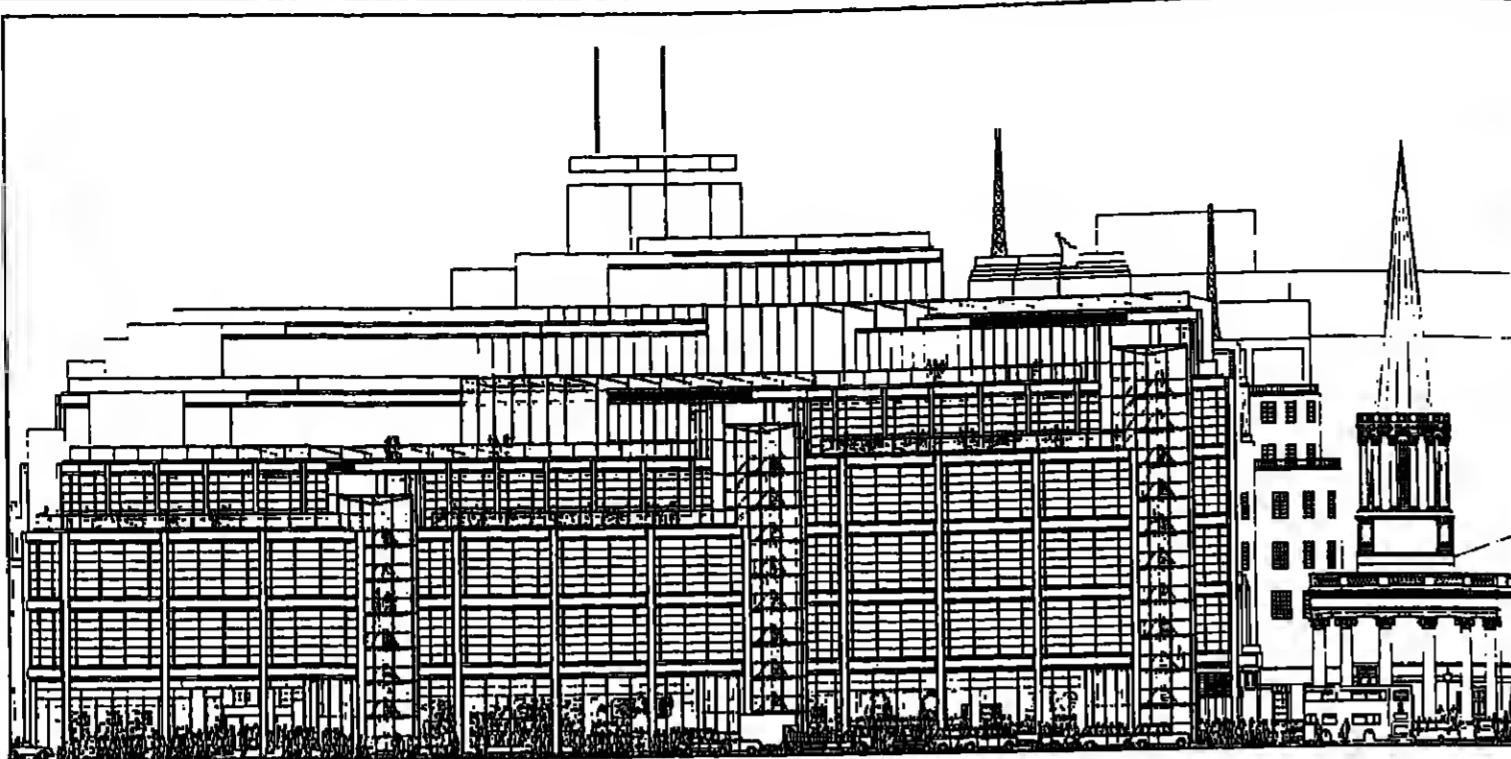
For Foster it was "the most complex and challenging project we have ever tackled". The conflicting urban considerations — terminating the axis of Portland Place, turning the corner into Regent Street, facing Nash's All Souls and Cavendish Square — presented considerable problems, most of which the practice had never faced.

The scheme is centred on a full-height, semi-public atrium forming a route from Portland Place to Cavendish Square, aligned diagonally on All Souls with a six-storey glass wall. Escalators serve each floor within the atrium while six stair towers are arranged at the perimeter. Internal planning on the diagonal grid is mostly open plan around fixed acoustically isolated studios.

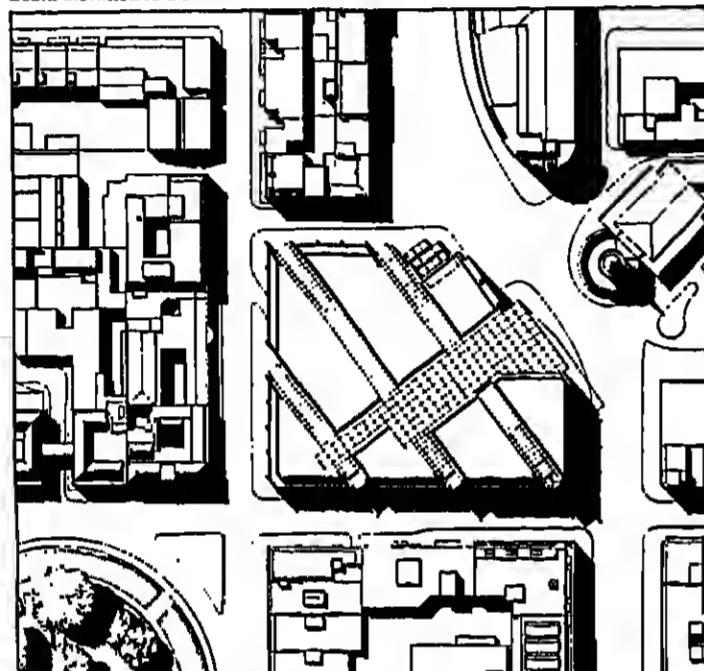
Despite its cancellation, the impact of the BBC project could still be considerable. For Foster Associates suggests that the rigorous approach that characterises their work can be successfully translated to an inner-city site. More generally it indicates that modern architecture can now make an important and effective contribution to the quality of the city.

Ian Latham

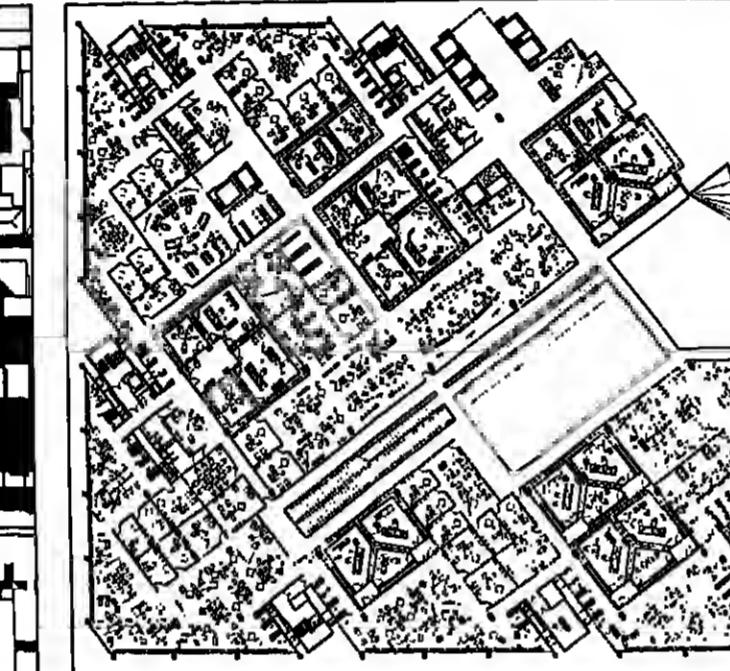
"New Architecture: Foster, Rogers, Stirling" will be at the Royal Academy, Piccadilly, London W1, from October 3 until December 21. Thomas and Hudson will be publishing an accompanying book, *Foster, Rogers, Stirling: New directions in British Architecture* by exhibition co-organiser Deyan Sudjic with photographs by Richard Bryant at £20, from which these illustrations are taken.



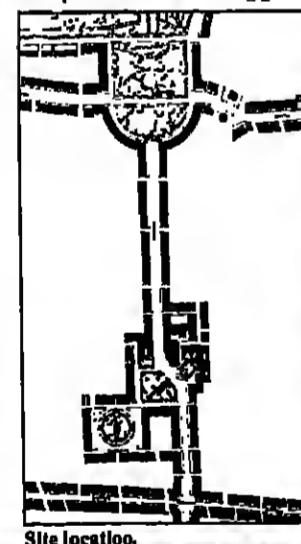
South elevation to Cavendish Place with All Souls Church and Vol Myres' art deco Broadcasting House (1931) behind.



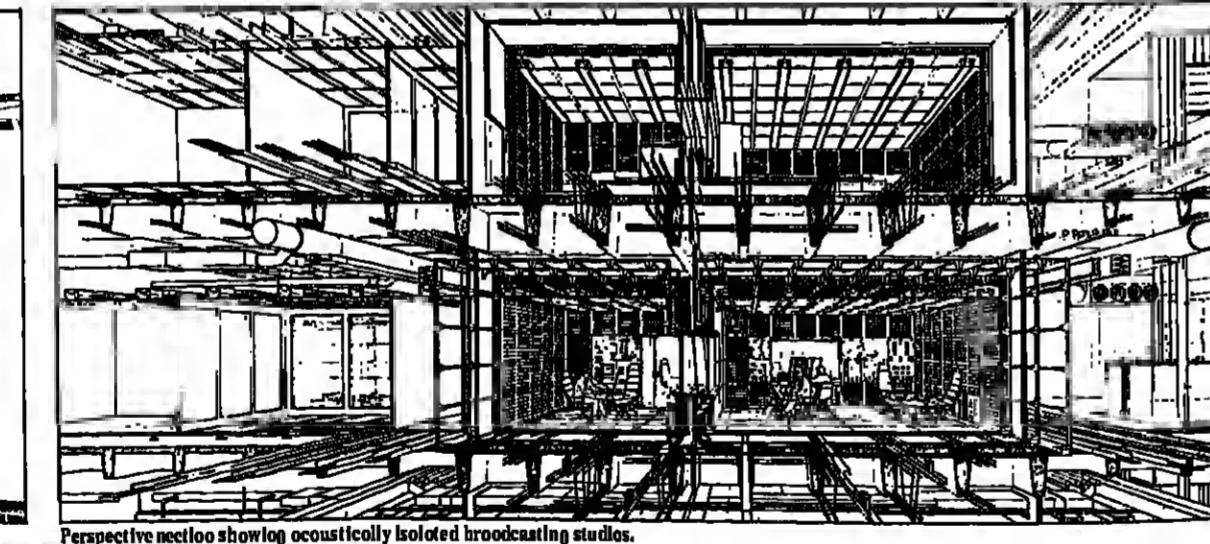
Roof plan in context showing glazed atrium roof.



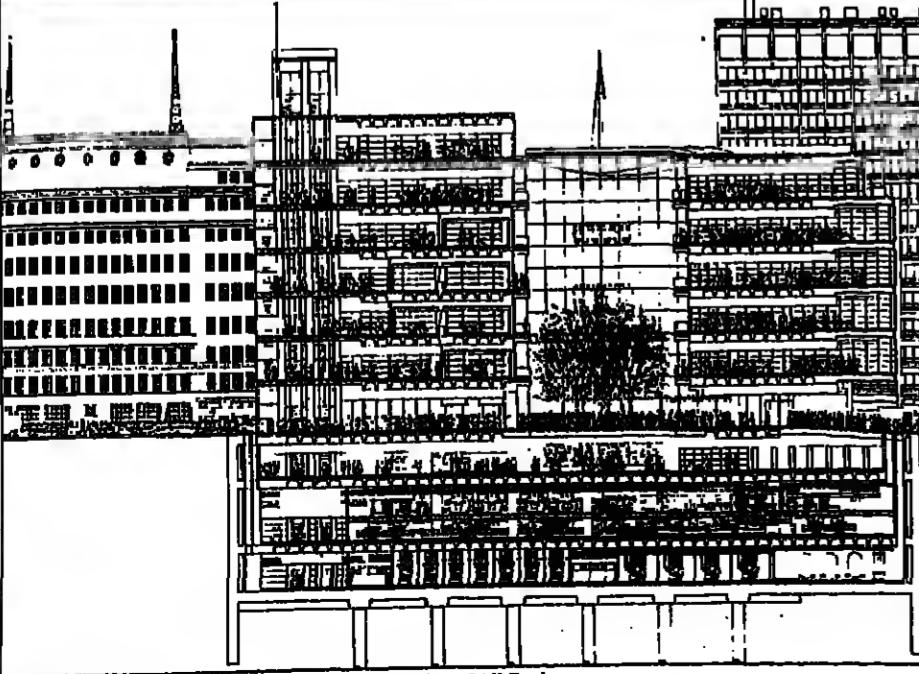
Typical floor plan showing diagonal planning grid.



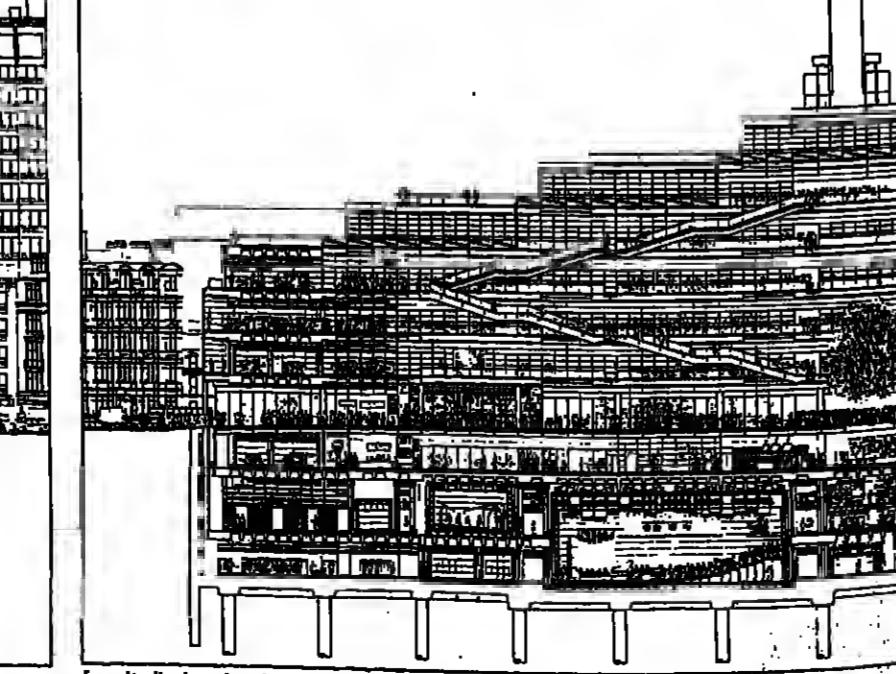
Site location.



Perspective section showing acoustically isolated broadcasting studios.



Transverse section through the atrium showing view of All Souls.



Longitudinal section through the atrium showing its stepped profile and escalators.

## Perspective

## News in pictures



### Hype, hype hooray

The marketing hype has been published for Thames Reach, "an outstanding development of 25 apartments... occupying one of the most tranquil and spectacular settings on the river with breathtaking views".

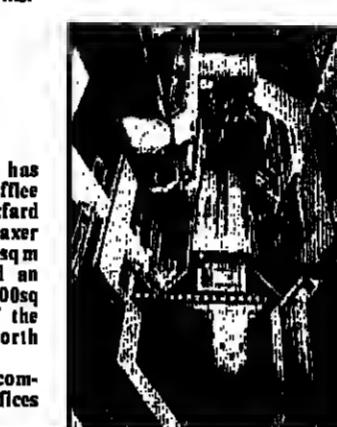
Three flats have been sold and never more are reserved. Phased occupation begins at Christmas. Prices start at £165,000 for the Drake, a two-bedroom ground-floor apartment, and rise through the Cunningham, Raleigh, Grenville and Nelson to the Mountbatten, a three-bedroom penthouse at £650,000 (sold).

The architects, who presumably had nothing to do with the selection of the names, are Richard Rogers & Partners. The practice bought the site when they moved their office to Thameside and sold it on to builders/developers Credoc Construction some 18 months ago. Prospective purchasers should contact joint sole agents John England or Savills.

### Atrium space

Detailed planning permission has been granted for a £75 million office and retail development on Oxford Street designed by Archer, Baxter Partners. It will comprise 13,800sq m of shop space centred around an atrium (model pictured) and 10,800sq m built behind the facade of the former Bourne & Hollingsworth department store.

The retail space is due for completion in April 1987, with the offices in October that year.



### Bristol fashion

Leach Rhodes & Walker designed the latest addition to Bristol's skyline — a £6 million office complex on the site of two Victorian mills and a cold store. It comprises an eight-storey core with two six-storey wings providing just under 4,000sq m of floor space.



### Meeting a challenge

Low-budget housing on a narrow site opposite a busy Tube line in Hammersmith proved a tough challenge for architects Craig Hall & Rutley, who were commissioned to produce 42 sheltered homes for old and young people.

The curve of the site was exploited by the staggered arrangement of the linked two-storey blocks, creating an attractive non-orthogonal edge to the roofs.

The scheme was funded by the Housing Corporation, with assistance from Hammersmith & Fulham council.



### Inquiry success

Planning permission has been granted after a public inquiry into the development of 43 starter homes at the Shoreditch Power Station canal-side site in Hackney. Designed by Levitt Bernstein Associates, the £2 million scheme will provide 18 flats and 25 houses. Six of the flats have been designed for disabled buyers and there are plans to sell 12 to a housing association.

Ask for more details from Westbrick Limited, Pinhoe, Exeter EX1 8JT. Telephone: (0392) 665611.

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**BUILDING DESIGN**

## The Editor's Comment



hear some councils speak (eg Liverpool) you would think that unless housing is municipal it doesn't really count. Well, the proof of how popular it is can be judged from the rush to buy in recent years, with the proportion of homeowners now more than 60 per cent. At the same time, it would be foolish to pretend that councils do not have a significant role to play in the housing market, and Ridley would do well to ponder precisely what that role should be as he busies himself talking about setting up more co-ops etc. It may have an even more significant role following the Government's caring decision to penalise the redundant by stopping their mortgage payments. But there is a greater role for the private and quasi-public sector — to which I shall return next week.

## Housing and herrings

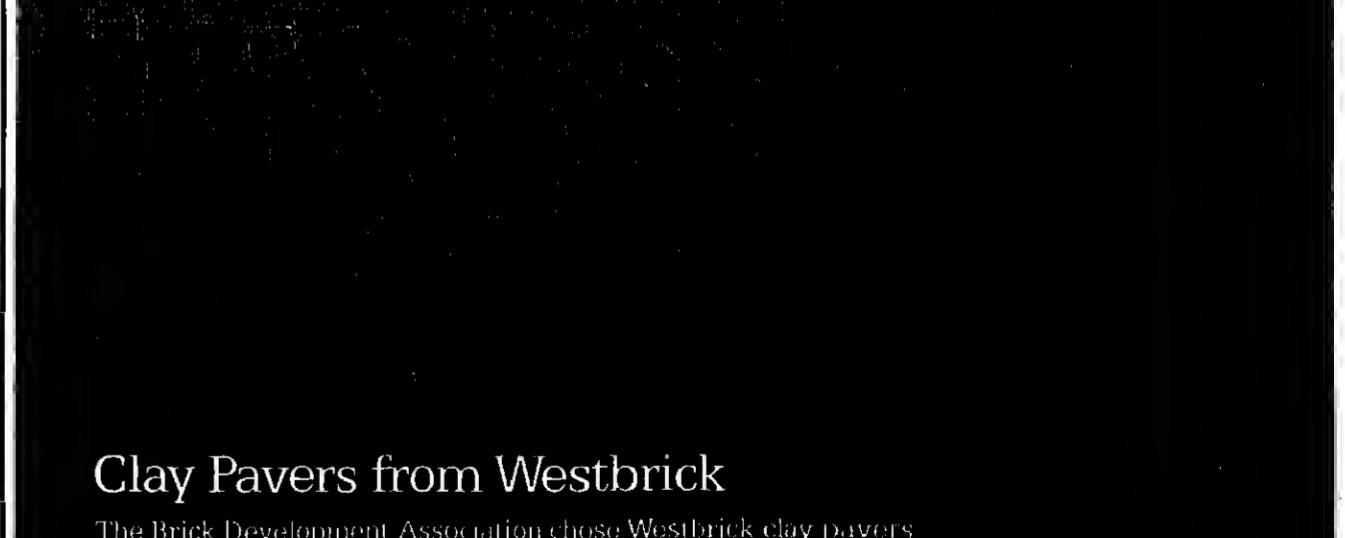
AS the problem of homeless families and young single people continues to grow, with the attendant evil of "bed and breakfasting"; as mobility of labour becomes increasingly restricted because of the dearth of private rented accommodation; and as the standard of new building gives cause for concern, we can only hope that Nicholas Ridley, who is bringing a fresh mind to these problems, can see through the red herrings of the housing scene.

The first and biggest herring is that housing problems are caused by local authority restrictions on land release. This is simply not true. The homeless problem has to do with shortage of rented accommodation, be it in private, public or quasi-public ownership. If you ask housebuilders why new housing is so expensive, they will tell you it is all to do with land prices; yet does anyone imagine that were land prices to fall the price of new homes would fall proportionately? Of course not, for it is the housebuild-

ers themselves who decide the land value.

This brings us to another house-builders' herring, that improving the quality of homes would inevitably result in higher prices. This is not true either. Suppose the Government were to strengthen the Building Regulations so that the quality of design and materials in new homes was markedly increased. Say it cost the builder another 20 per cent to produce such a home. Would that cost be passed on to the customer? No it would not, because the builder knows what maximum price a house in a certain location will fetch; instead, the builder would pay less for the land in the first place!

The red herrings on the public sector side of the housing argument arise from the notion that council housing is inevitably virtuous. Local authorities are not necessarily the best bodies to be housing managers, however. Almost any co-op or tenant group will tell you how inefficient and costly they can be. Yet to



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## Letters

## Energy: a need for foresight

From Professor Peter Page, Applied Energy Group, School of Mechanical Engineering, Cranfield Institute of Technology

I MUST respond to Miles Scott's letter (July 18) published under the banner headline "Being awkward over energy", if only so his letter should not be "greeted by complete silence" as was the letter of Boyd Auger's to which he refers. Was this not the time of the RIBA's conference and exhibition, "Buildings — the key to energy conservation"? (No one, by the way, can be awkward over energy.)

Ted Stevens' article relating to architects' ignorance of energy issues and lack of commitment to energy efficiency in buildings raises cause for concern. Miles Scott uses it to suggest it is a matter of no consequence. Dr Schumacher warned in 1964 "there is no substitute for energy, it is not just another commodity but a pre-condition of all commodities... here is a field in which one cannot let things rip, where one has every reason to mistrust the wisdom of mere market forces; where there is need for foresight, good husbandry and conscious conservation". This is as true for 1986 as it was for 1964 and will be for the foreseeable future.

Perhaps this is the moment to reiterate Schumacher's wise words at a time of the market down-turn in oil prices and for a

wrong? I think not, but I may be wearing the emperor's clothes! We might learn a little how not to design buildings that continue to fail, or how to go about our business with a greater sense of responsibility. But a little learning is a dangerous thing! At Cranfield we teach an "energy and buildings" course at MSc level, putting the architecture and science together in an energy-conscious way. That can't be a bad thing to do. Most architects don't care about the science of their buildings. Remember the Second Law of Thermodynamics, that condemns all things to a slow entropy drift towards exhaustion?

## A sweeping generalisation

From Peter Benwell, president, Society of Chief Architects of Local Authorities and Durham County architect

I HAVE read Ted Stevens' report on the results of the BD survey on architects' knowledge of energy conservation techniques. The report does not explain the composition of this "exclusive poll" or the criteria for selecting the architects invited to participate.

The conclusion that architects are uncommitted to energy conservation can only be a sweeping generalisation drawn from selected statistics, because frankly the conclusion is just not true for the architectural profession as a whole.

On behalf of architects working in local authorities I have to tell you most emphatically that the conclusion is wrong. As well

as being grossly misleading, it is an irresponsible and unjust reflection upon the strenuous effort that we have been making over the last decade to save our business with a greater sense of responsibility. But a little learning is a dangerous thing! At Cranfield we teach an "energy and buildings" course at MSc level, putting the architecture and science together in an energy-conscious way. That can't be a bad thing to do. Most architects don't care about the science of their buildings. Remember the Second Law of Thermodynamics, that condemns all things to a slow entropy drift towards exhaustion?

The proven record of energy conservation in local authorities is an compelling story that有力地 refutes the conclusion of the poll. Many of us as architects head multi-professional departments, which require good teamwork to make the most of energy efficiency. The Audit Commission has testified to the many good examples of energy efficiency in local authorities and we are often invited to speak at conferences or contribute articles on how we are achieving our objectives.

SCALA we have an energy committee which is the focus for our activities and the sharing of knowledge and experience. We enjoy a close liaison with the Department of Energy and its regional energy efficiency officers, and we have a strong practical bond with LAMSAC on energy initiatives.

Throughout local authorities in the UK, there are many fine examples of new buildings where energy efficiency has been given a high priority in the brief in order to promote and evaluate new ideas. A high proportion of these projects have received design awards.

The County of Durham is an average sized county of 604,000 population. The annual energy bill for our 2,000 county council buildings is £7m. If we had not bothered to save energy, that bill would now be more than £8m each year. Our achievements include several design awards for energy-efficient projects. We have set our sights on increasing the saving from £1m to £1.5m each year. I know we were not included in the BD poll, but it would be most interesting to hear who was.

If any of your readers would like to know more about what architects in local authorities are doing to be more energy efficient, then we shall be pleased to tell them.

Peter Benwell  
County architect  
Durham

## Neighbours if not friends

From Brian Atkinson

I WOULD not lightly reject an offer of friendship but I must say I'm puzzled at Dennis Berry's comment (Scorpio, July 25) that I am his "friend and neighbour".

Certainly I am the latter, having lived a stone's throw from Kingston School of Architecture since I came to London in 1966. Indeed, it is this very proximity that has made me so disappointed that over the last 20 years I have barely crossed the threshold of Berry's school.

It is actually no exaggeration to say that, when I was teaching and lecturing, it was easier for me to be asked to meet the students of Los Angeles or Ljubljana than those on my own doorstep.

To be frank, I fully believe that it has been a policy to keep me out of the Kingston school. In 1981 my own newspaper ran a lengthy story on how, at the last minute, I was prevented from speaking at the school after having been "billed" for the previous two months. The secretary of the local RIBA chapter, Alan Blanc, resigned over the matter, publicly describing the situation in the Kingston school as "McCarthyism". I have been told by some Kingston staff that when students have put my name forward as a potential visiting speaker, other senior staff have simply crossed my name off any list.

Price rejects efforts to ameliorate (which means better something than nothing) nearly

intolerable conditions which no Government is really going to sweep away in the immediately foreseeable future. The alternatives of suburban sprawl and the new towns he quotes were not accepted with delight — just because they were the only ones offered, people had no choice, is arguable whether the architectural input or lack of it in these two opposite concepts has made any difference to their acceptability, but architects can hardly be blamed for hoping that their good intentions (just as good as Price's) and their need to earn a living (just as Price gets paid for his article) can combine to help solve the problems of overcrowded and physically obsolescent cities.

Severs and rats, smog, rats and vandalism are symptoms of social and political as much as urban physical decay, but of course they interact. Fast, past transport is a technical solution to changes in the speed of life between, not in itself.

There are technical aspects of the other problems which can be solved now. Rome may have been destroyed, but it seems to have been replaced, still a city,

What sort of alternative does Price have in mind to follow the last shots from the NatWest Tower? Architects may well be among the first people to be struck up by the angry populace, alongside ideologues who don't deliver.

But do I detect a note of concern over my recent reports on community architecture?

The growing list of casualties among part-time staff began last Christmas with the departure (in disgust over censorship) of RIBA conference speaker Kevin Rowlston; then ex-A president Marina Adams went at Easter, and more recently Glyn Banks, Joanna Savory and Nick Timms, first-year staff with Hannah Vowles, have been shown the proverbial threshold.

This effectively removes the younger, enthusiastic element, the life blood that has brought the school an enviable reputation in recent years.

The following statement sets the record straight, once and for all: Relations between the RIBA and Kensington Palace are superb. The Duchy of Cornwall is as impressed with the institute's role in producing the Kensington feasibility study that a long and fruitful partnership is guaranteed.

References to problems with the Portland Place "bureaucracy" in the "Half-term report" should not be interpreted as a split between the executive and the presidential function. Rod Hackney will not stand for RIBA president in 1987. Owen Luder will be the next UIA president. African nations will not boycott the 1987 UIA Congress in Brighton. Yours, etc, Scorpio.

The facts are clear in more than one case now cluttering up the courts. During the period from 1974 to 1980 architects were expected to work without pay on stages A-B, and you reported then that architects suffered no loss as a result of the spending grant, proves that the well-known dictum of the law has been revised to read: "The architect must not only be done, but must be seen to be done."

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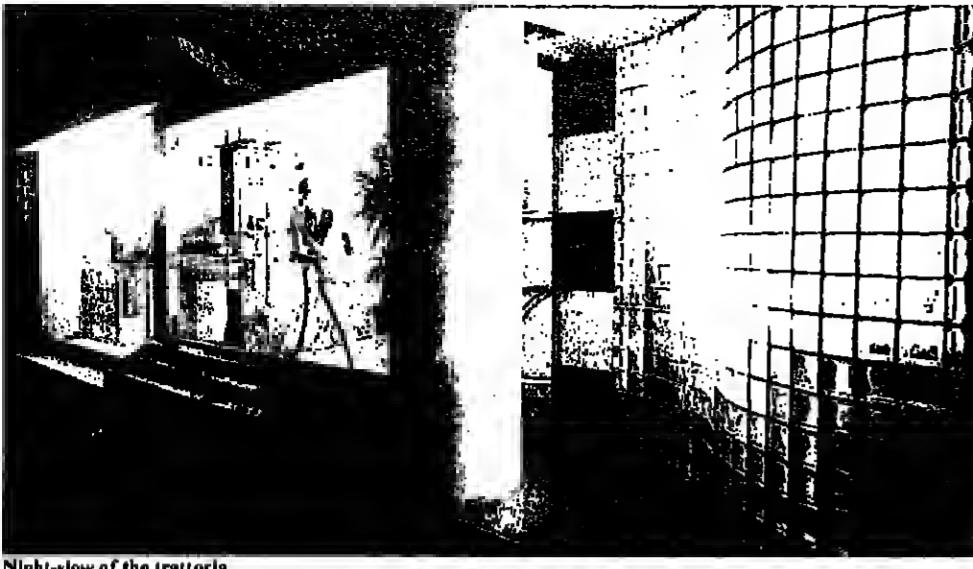
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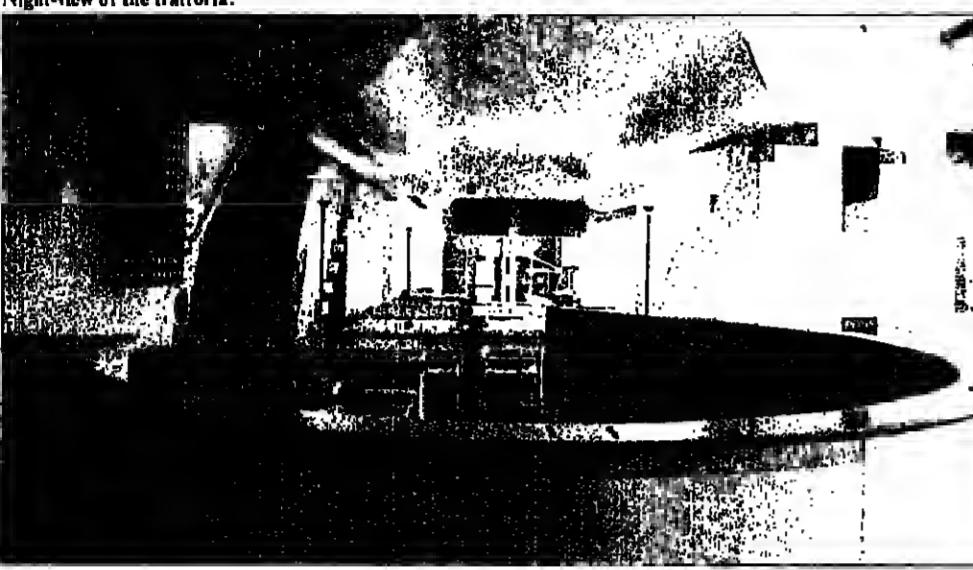
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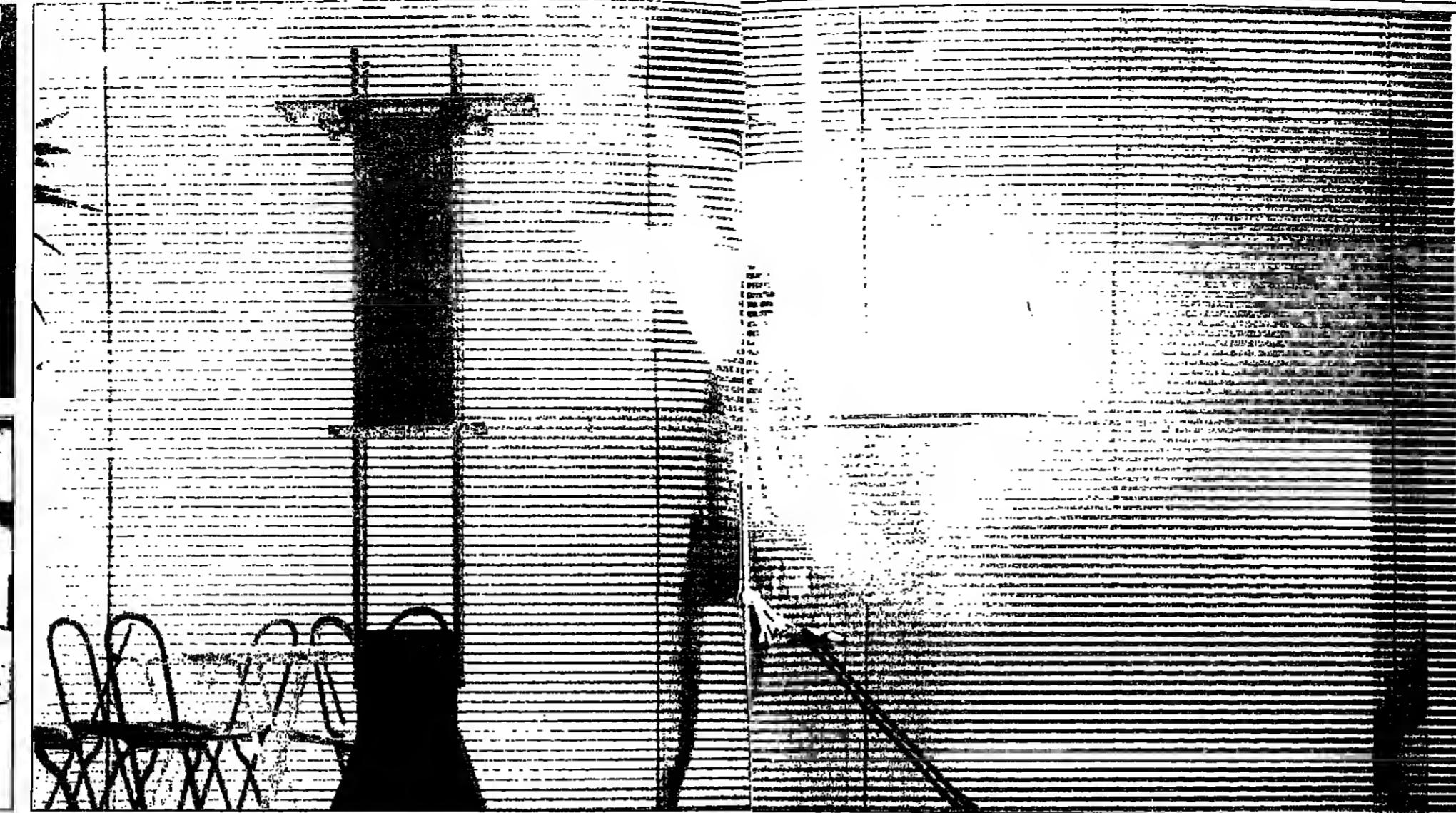
## Exhibitions



Night view of the trattoria.



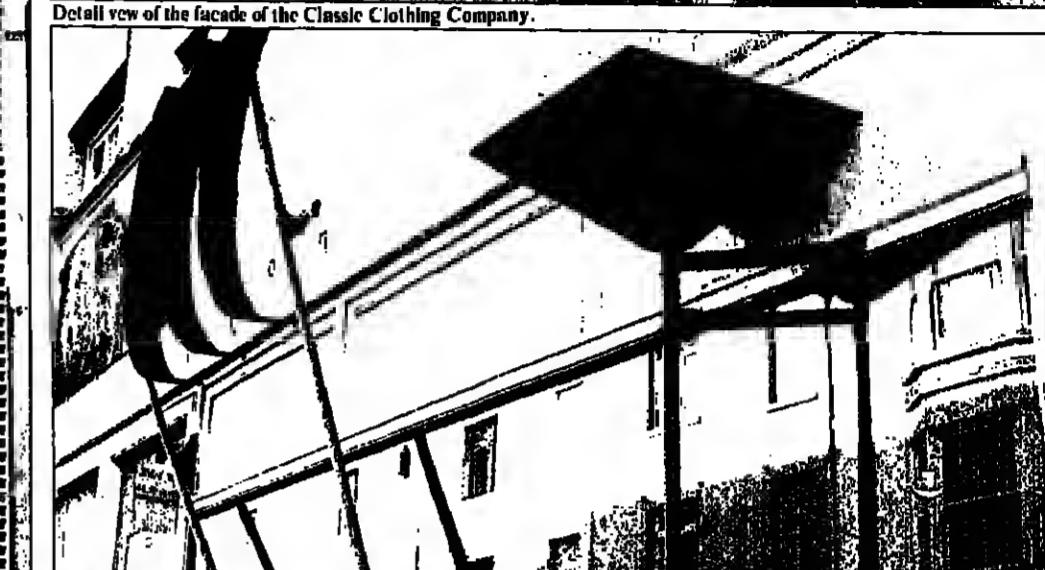
Interior view of the trattoria.



Trattoria Capri in Plymouth: "architecture is utterly real yet ultimately indefinable — which is both its necessity and its"'



Detail view of the facade of the Classic Clothing Company.



Classic Clothing Company facade, Brighton, a £2000 design and build job.



Interior detail view of trattoria.

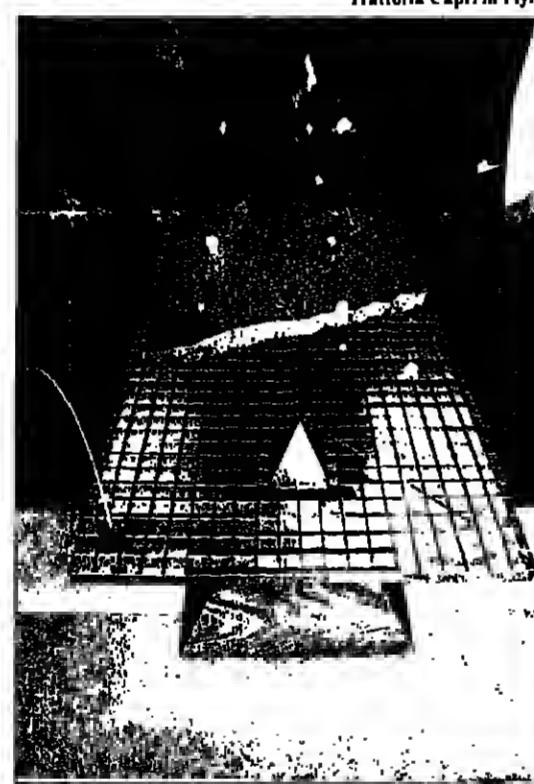
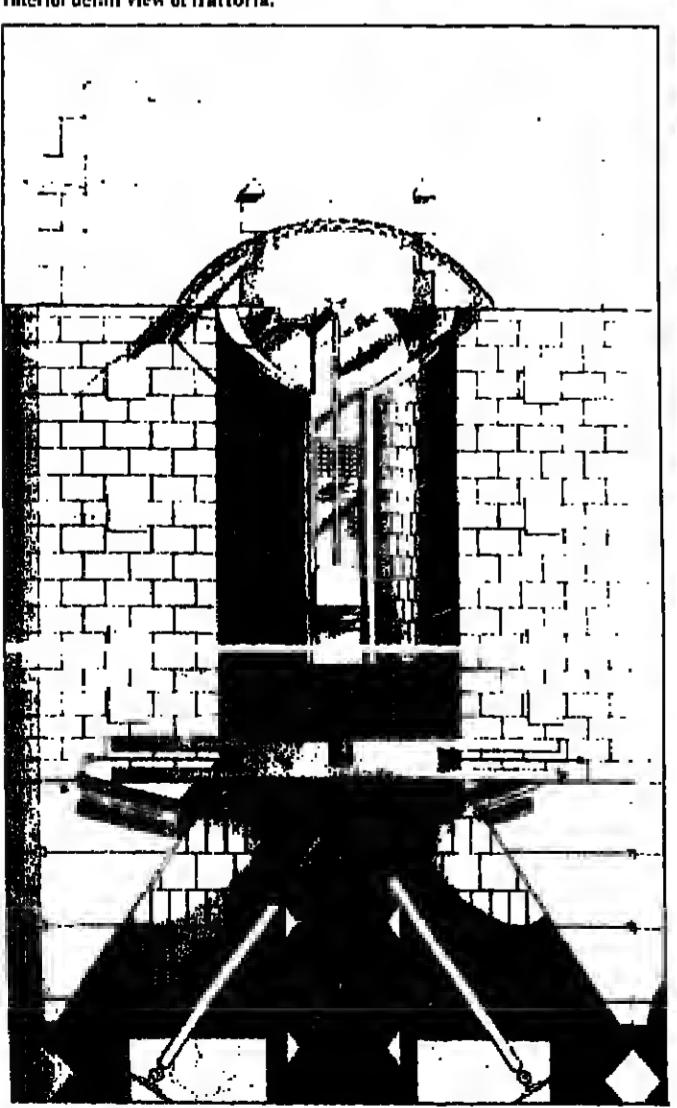
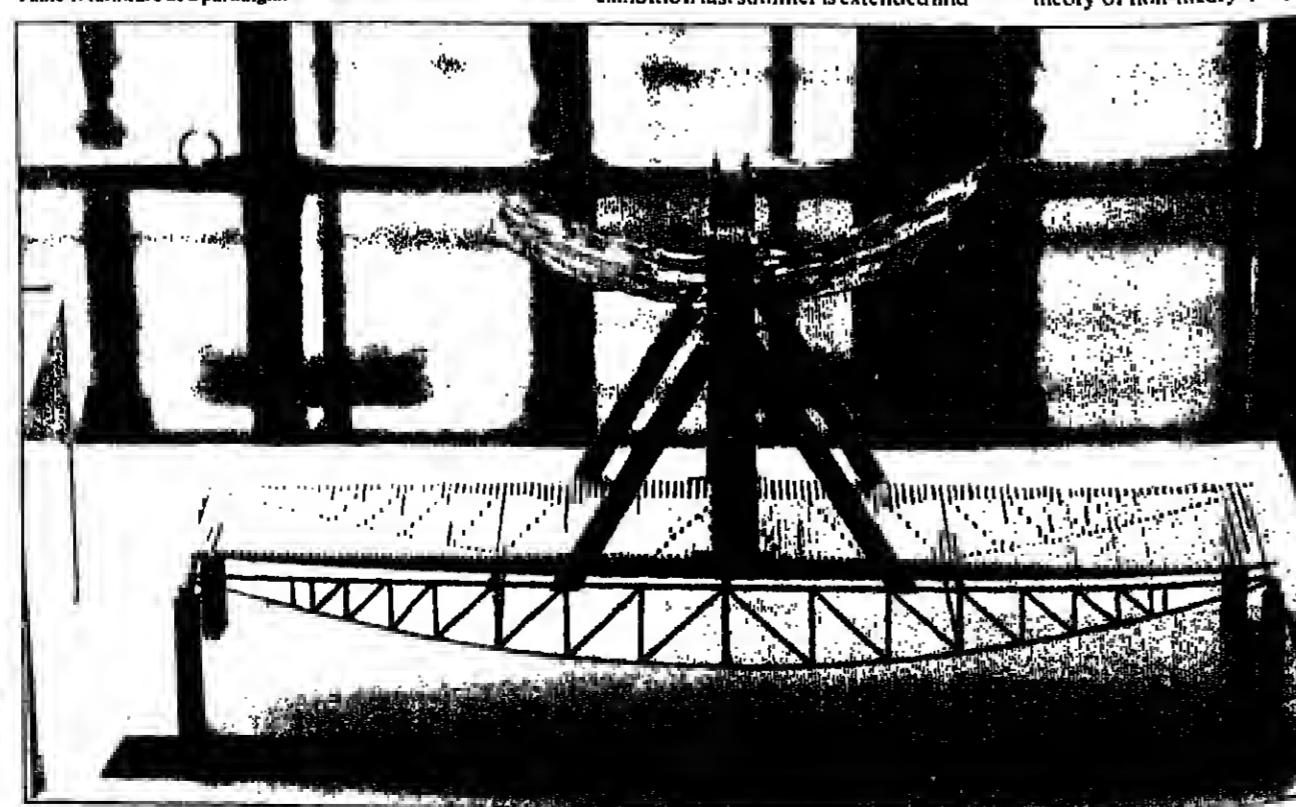


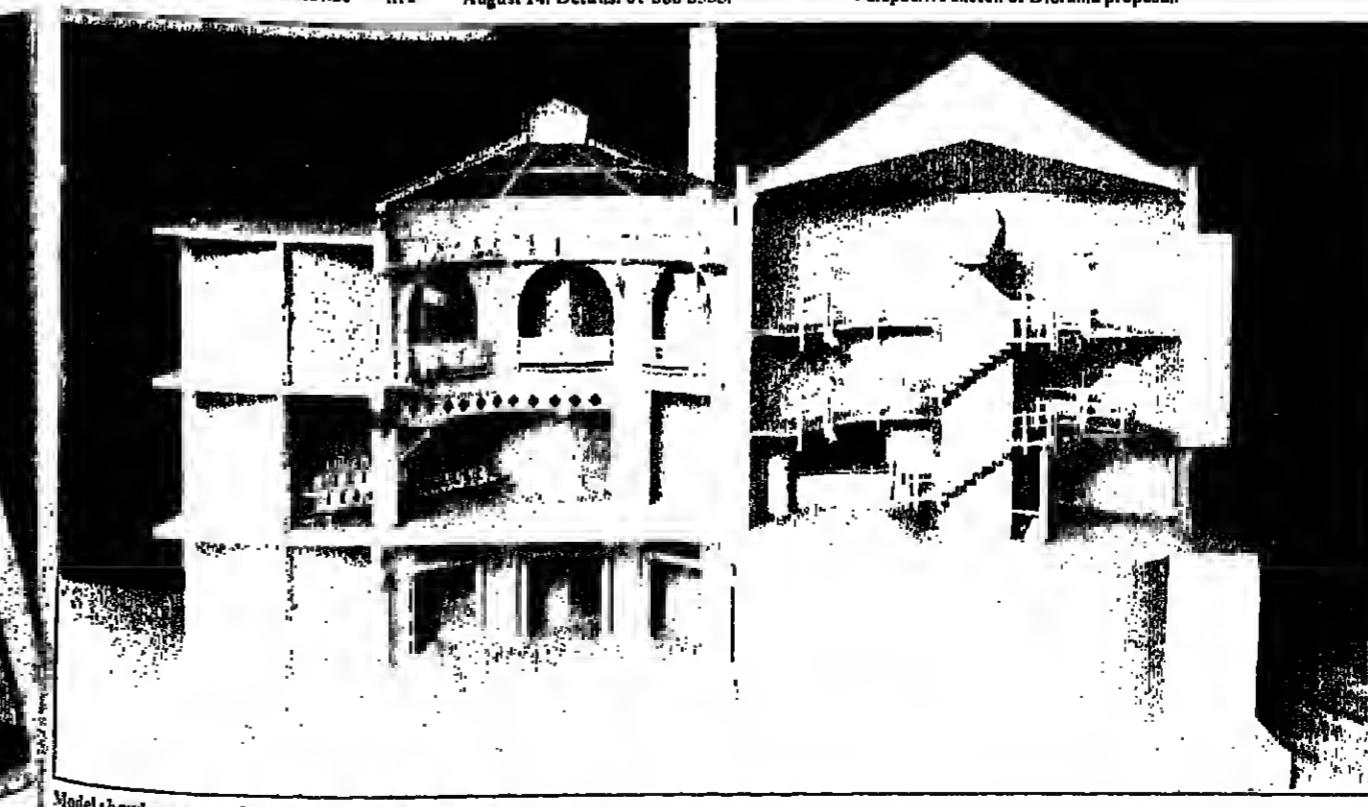
Table 1: furniture as a paradigm.



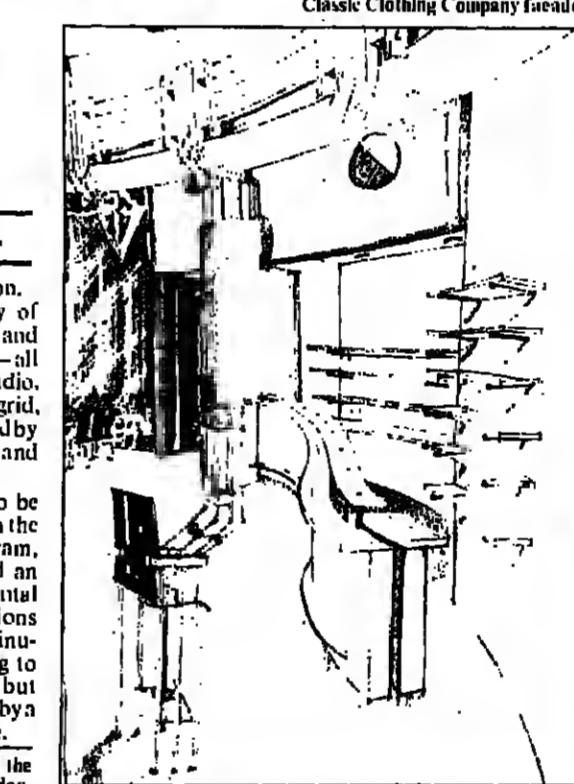
Elevation drawing for the Grand Buildings Competition.



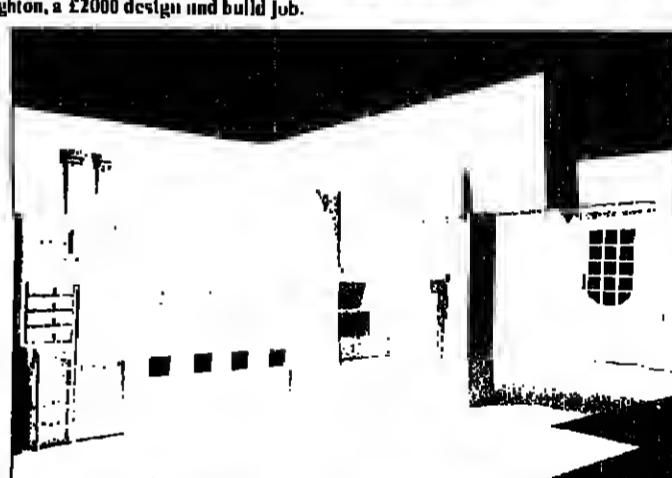
Model of swing bridge for the Euromedical Centre in London's Docklands.



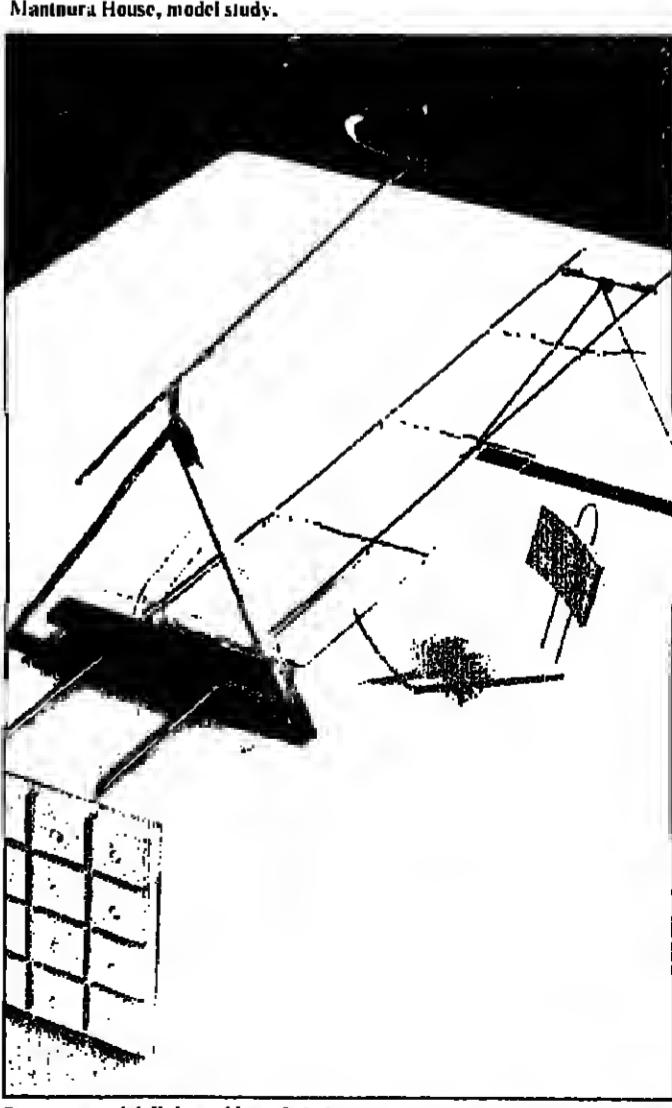
Model showing proposed transformation of the Diorama.



Perspective sketch of Diorama proposal.



Mantaura House, model study.



Prototype model dining table and chair.

# PLYMOUH SOUND

Ian Letham reviews an exhibition of the work of Alan Phillips — and finds it one of the best at the RIBA for years.

THE exhibition now on the second-floor landing at the RIBA is inevitably raising a few eyebrows.

It's really not the sort of work one is used to seeing in Grey Wren's hallowed halls, let alone in the precious atmosphere of the Heinz Gallery. But it's one of the best shows put on at the RIBA in the past five years, and it's just the sort of exhibition one would hope to find in the national architecture centre — if present presidential intentions can be transformed into reality.

Alan Phillips is no ordinary architect. Motivated by ideological desire and the pragmatics of building, he undertakes a succession of unlikely projects — unlikely, that is, in terms of most practices where they would be regarded as liabilities. The glimpse of this work offered in the 40 under Forty exhibition last summer is extended and

expanded in the present show.

Most prominent among the eight projects is that for the renovation and conversion of the Diorama Daguerre's prototype cinema tucked in behind a Nash facade on London's Regents Park (BD February 7, 1986).

Models, conceptual drawings, historical studies and perspectives document this inventive scheme which started as an inventive counter-proposal to a provocative counter-proposal as to style and fashion" seems to be doggedly increasing.

The intellectual rigour that characterises the projects is structured by Phillips' commitment to nothing — an architect sought style-less forms in his diploma course at Plymouth Polytechnic, teaches interior design at Kingston and his informal studio in London, with students and young architects he has been Andy Bayliss and Ray Bell.

Phillips adopts what he calls "theory of non-theory", a rejec-

specific philosophical viewpoints which leads him back to nature — to the essential qualities and physics of materials and their changing condition over time; hence the rusting metal bars employed on the facade of the Classic Clothing Company in Brighton, an extraordinary transformation that Phillips designed, built and installed.

Any attempt to "circumnavigate style and fashion" seems to be dogged by pitfalls. There are intriguing parallels in Phillips' work with fin de siècle Vienna, when the Secessionist architects sought style-less forms in a tradition to earlier Neoclassical forms structured in compositions inspired by myth. Phillips is continually shifting his ground, unwilling to submit to architectural order but determined to control each project by self-imposed intellectual discipline.

If a contemporary parallel is to be sought, it can perhaps be found in the idiosyncratic œuvre of John Outram, but whereas Outram has devised an architectural vocabulary of elemental forms structured in compositions inspired by myth, Phillips is continually shifting his ground, unwilling to submit to architectural order but determined to control each project by self-imposed intellectual discipline.

The work of Alan Phillips continues at the RIBA, 66 Portland Place, until Thursday, August 14. Details: 01-580 5533.

# Readers' Free Advertisements

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Work consists of fund raising, design and building of exhibition display in form of prototypes, structures, possibly as studentive and permanent exhibits, building of models, liaison with various organisations.

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Working arrangements are flexible.

For further details contact Florian Beigel on 01-607 2789 x 2485.

#### Reference R21/N RESEARCH ASSISTANT/ THE URBAN ARCHITECTURE RESEARCH UNIT

The Urban Architecture Research Unit in the Department of Environment Design is seeking a Research Assistant with a background in Architecture to work on a project in the City of London.

The Project is concerned with the social use, structure and meaning of spaces and it is hoped that the outcome will contribute to the development of a body of theory to be used in the teaching of architecture. The Research Assistant will be working in collaboration with Ray Attfield.

The project is funded for 1 year and is a 1/4 time appointment with flexible working arrangements; however, the successful applicant will be expected to teach on the Architecture Degree Course for 3 hours per week.

For further information contact Ray Attfield on 01-607 2789.

Salary: £8,578 - £7,392 (inclusive of London Allowance).

Further details and an application form are obtainable from the Personnel Office, The Polytechnic of North London, Holloway Road, London N7, 8DB quoting reference: Tel: 01-809 8818 (24 hour answering service). Closing date: 15th August 1988.

Closing date for the receipt of application is 14 days from the appearance of this advertisement.

THE POLYTECHNIC OF NORTH LONDON IS AN EQUAL OPPORTUNITY EMPLOYER AND THEREFORE WELCOMES APPLICATIONS FROM WOMEN, ETHNIC MINORITIES AND THE DISABLED.

## APPOINTMENTS

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### LUNCH WITH THE SENIOR PARTNERS?

Yes indeed, some of our clients offer this! We don't offer shortbread, we don't offer wine evenings, we don't deal with time wasters. At the moment we have urgent vacancies for Architects, Designers, Building Surveyors (RICS), in London, Southampton, Bristol and Reading. Salaries and bonuses exceptional in some cases. Phone now or forever hold your Rotring!

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are expanding and urgently require the following staff in their additional new offices in Walton-on-Thames:

#### Young Architects

with first class design ability

#### Architectural Technicians

with experience and sound knowledge of building construction to work on offices, high tech, industrial and retail projects.

Apply with full c.v. and samples of work to:

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Springfield House  
93 Oldlands Drive  
Weybridge, Surrey  
Tel. Walton-on-Thames 329981

Renton Howard Wood Levin Partnership

RHWL  
77 Endell Street  
London WC2H 9AJ

### 1. ARCHITECT/ TECHNICIAN

with particular interest in development of auditoria design, required to work in specialist group. Good model making/photographic ability useful.

### 2. ARCHITECT/ TECHNICIAN

to join team responsible for refurbishment of Victorian Theatre.

Please apply with C.V., marking your application "Theatre" to Jenette Payne at the above address.

### Special Projects Officer

£11973 - £12861. PO1

Haringey, with a stock of 24,000 council houses and some of the worst private sector housing conditions in London, is spending some £30 million each year in tackling housing problems.

The Technical Policy Group, under the Assistant Borough Housing Officer (Policy & Programming) provides support and advice to the decentralised area teams, and co-ordinates and monitors area technical programmes.

You will be a member of the Technical Policy Group, reporting to the Chief Technical Officer, and will be expected to work directly with the area teams, other divisions of the Housing Service, other Council services, and outside agencies.

You will have particular responsibility to assist the Chief Technical Officer in ensuring that technical policies and standards are co-ordinated and consistently applied and, under the direction of the Chief Technical Officer, to initiate, manage and monitor special technical/development projects and to prepare reports for committee as required.

You will normally be expected to be professionally qualified in a relevant technical subject and to have at least five years' experience directly relevant to the context of the post.

A general interest in knowledge of housing problems is essential. The duties will call for a high degree of initiative and self-motivation. This job is suitable for job sharing and applications are particularly welcome from women/black and minority ethnic groups as they are under represented in this type of work.

Previous applicants will be re-considered and need not re-apply.

For a job description and application form, please apply to:

Recruitment and Personnel Officer, Comprehensive Housing Services, 13/27 Station Road, Wood Green, N22. Tel: 01-899 6816 (24 hour answering service). Closing date: 15th August 1988.

Generous disturbance allowances available in approved circumstances.

Write for an application form and further details to the Director of Manpower Services, Civic Centre, Civic Drive, Ipswich.

Haringey  
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Needed for 2 year government contract. £11k + car allowance.

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To assist above. Salary negotiable.

For more details on these vacancies or for a confidential career discussion, please tel. Penny Gaddie-Young on Brighton (0273) 202208 or send c.v. to: SES - Recruitment, Hampton House, 73 Middle Street, Brighton, East Sussex BN1 1AL.

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Manning Clapp + Partners require a young fully qualified Project Architect, a Building Technician and a Landscape Architect, to work on a variety of interesting new and restoration projects in their Richmond office.

Write with c.v. to:  
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Applications are invited for

SENIOR ARCHITECTS with at least six years post graduate experience. The successful applicants will be expected to play key roles within our expanding organisation for projects in the UK and overseas.

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In return we can offer top salaries, an excellent working environment and exciting work in major retail, commercial and industrial projects.

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The appointment will involve the supervision of construction and fitting out works for a three-storey air-conditioned concrete framed building and associated external works. Experience of high quality concrete, brickwork and joinery trades essential.

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PPM ARCHITECTS

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This is a repeat advertisement as we are still short of one high-flying Architect and there is a new requirement for a Clerk of Works.

To remind you our advertisement went generally as follows:-

ARCHITECT  
An Architect who is in his/her early years after qualification, capable of handling

OR  
"2ND YEAR OUT"  
STUDENT ARCHITECT  
(Nouveau 1986 Vintage)

A student Architect who has already achieved Part II of the Royal Institute of British Architects. He/she needs to show

CLERK OF WORKS

late 1986/early 1987 we shall require a young Clerk with a minimum of 5 years' experience as a Clerk of Works to assist a senior Clerk on a high quality event garage

Write initially, with full cv, including a statement on interests, objectives and ambitions, and present salary to: Heather Ward,

Personnel Officer, Prudential Portfolio Managers Ltd, 142 Holborn Bars, London EC1N 2NH.  
Tel: 01-405 9222 ext 2882.

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**Appointments**

**Matrix**  
Matrix has two posts to fill:  
• ARCHITECT/ARCHITECTURAL WORKER with at least 3 years experience of running jobs from inception to final account.  
• ARCHITECT/ARCHITECTURAL WORKER with an interest in development/feasibility work - design work - site supervision.  
We regret that the office is not accessible to wheelchair users. Full access code with job description.  
Out work includes retail and residential and a grant-funded service to community groups. We prioritise work for black and ethnic minority groups and disabled people.  
We are looking for an enthusiastic and experienced individual with a wide range of experience, not just within architecture. Commitment to client care, use of the design process and to working collectively is essential. Experience of working within Black or ethnic minority communities is an important advantage.  
Start date: as soon as possible. Closing date: 31st August 1986.  
We regret that the offer is not accessible for wheelchair users. Full access code with job description.  
Ring or write for application form (postage date 22nd Aug) Matrix, 8 Bradbury Street, N18 Tel: 01 545 7603.

**Montrose Contract Hotline** 01 834 3406

**Berkeley Homes (North London) Limited**  
A member of the Berkeley Group  
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We are looking for an architectural and an architectural assistant to commence 28th August 1986 to assist in our planning design office situated at intermediate level.  
The applicant should be qualified to MCIOB level and have a minimum of 3 years post-qualification experience in housing development work, and should possess a flair for house and site layout design whilst being familiar with town planning procedures and regulations with local authorities.  
Salary will be negotiable and full benefits will include a company car.  
Please apply in own hand writing, enclosing full C.V. to: Mr D. D. Dasek, Berkeley Homes (North London) Ltd, Plaza 23, Harrow, Middlesex HA2 2AF.

**IPCO LIMITED**  
We have been established in the Architectural/Engineering Consultancy services for over 25 years and at the moment are looking for  
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Call us now if you are looking for permanent or contract positions  
Immediate starts available  
Projects that are varied  
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**Chief Design Architect Residential Development**  
Ideal Homes Midland Limited, formerly Comber Homes and now part of the Trefegla House Group, require a Design Architect of outstanding ability to head its Architects Department based near Leicester.  
Reporting to the Managing Director the successful applicant will have the outstanding creative flair required to produce sympathetic attractive housing schemes, combined with Technical and Management skills. A formal qualification is not essential, but experience in housebuilding is important.  
A salary in line with the level of responsibility will be paid together with a Company Car and usual large Company fringe benefits.  
Please write or telephone Mr M. Noble

Ideal Homes Midlands Limited  
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Applications are invited from persons with proven experience, for this appointment to be based in Romsey, Hants.

**Architectural Assistant/Technician**  
To assist the Design and Planning Manager in this expanding company of home builders.  
The successful applicant should be of HNC standard and will need to be fully conversant with Planning procedures and Buildings and NHBC Regulations, together with a sound knowledge of construction and the ability to produce detailed working drawings and the presentation of layouts.  
This challenging position offers an attractive salary and company car together with a range of benefits available with a company of this size.

Written applications together with C.V. should be addressed to:  
Mr D. A. Rose  
McLean Homes Southern Limited  
Rivermead House  
Abbey Meads  
Romsey  
Hants  
SO51 8HY

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**STEVE FOLEY at ACME APPOINTMENTS**  
315 OXFORD ST, LONDON W1R 9RH  
TEL: 01-491 7222 or 01-493 4000

**Appointments**

**Matrix**  
Matrix has two posts to fill:  
• ARCHITECT/ARCHITECTURAL WORKER with at least 3 years experience of running jobs from inception to final account.  
• ARCHITECT/ARCHITECTURAL WORKER with an interest in development/feasibility work - design work - site supervision.  
We regret that the office is not accessible to wheelchair users. Full access code with job description.  
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We regret that the offer is not accessible for wheelchair users. Full access code with job description.  
Ring or write for application form (postage date 22nd Aug) Matrix, 8 Bradbury Street, N18 Tel: 01 545 7603.

**AMOS BROOME ASSOCIATES**  
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We require two qualified Architects or Technicians with 5-7 years commercial experience to work with a small team on an exciting new office project in central London.  
We offer excellent salaries and working conditions in our offices on The Green in Twickenham.  
Please write with current C.V. to:-  
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**Department of Technical Services**  
Architectural Sector  
**Project Architect/Architectural Assistant**  
Salary Grade SCA/802  
Career Grade - £8,900-£11,804 (pay award pending)  
To be involved in all aspects of architectural work including design, working drawings, project administration, etc. You should have obtained or be studying for the final examination of the R.I.B.A. and/or registration by the Architects Registration Council. The salary for qualified staff will be Grade SCA/2 (£9,975-£11,804) whilst partly qualified staff will commence on SCA/6 depending on level or qualifications and experience.  
Car allowance and car loan facilities will be available, 38½ hour working week, flexible time and generous leave entitlement form part of the working conditions. The payment of removal expenses will be considered.  
For further information and an application form please write to: Chief Personnel Officer, Civic Centre, Millgate, Wigan or ring our 24 hour answering service on Wigan 49472 and leave your name and address - please state which job you are interested in. Closing date: 15 August 1986.

**Chief Personnel Officer, Civic Centre, Millgate, Wigan or ring our 24 hour answering service on Wigan 49472 and leave your name and address - please state which job you are interested in. Closing date: 15 August 1986.**

**WIGAN Metropolitan Borough**

**Phippen Randall and Parkes**  
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To help with a variety of interesting projects.  
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We are prepared to assist with accommodation for successful applicants at present residing outside the London area.

We have several vacancies, if you are enthusiastic and think you could help us, please write with your CV to: Chris Rudolf et al.

**Phippen Randall and Parkes**  
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01 941 0806

**PROJECT ARCHITECT**  
Post No. A.54  
Salary Grade: S.O.2 - £10980 to £1804 per annum  
The successful candidate will be required to take responsibility for the project and assist in the management of the Department's practice group. The post requires above average design ability, enthusiasm and a good record of sound experience in Local Authority work.

**PROJECT ARCHITECT**

Post No. A.54

Salary Grade: S.O.2 - £10980 to £1804 per annum

This is one of two posts, and is open to recently registered architects who demonstrate good design ability and willingness to gain sound experience in a range of building types.

Applicants form, which must be returned to Mr A.E. Attfield, Senior Personnel Officer by MONDAY 15th AUGUST 1986, are obtainable from: Municipal Buildings, Queen Street, Bridgwater, Somerset TA1 2JL. Telephone: Bridgwater (0865) 82141, Ext. 3138.

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Immediate well paid positions.  
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**STEVE FOLEY at ACME APPOINTMENTS**  
315 OXFORD ST, LONDON W1R 9RH  
TEL: 01-491 7222 or 01-493 4000

**Appointments**

**ARCHITECTURAL ASSISTANT**  
SCALE £8,979 - £9,591  
A vacancy exists for an Architectural Assistant in the Operational Technical Services. The successful applicant will be qualified to a minimum of HNC, MSAAT or equivalent standard. The work of the Architectural Section consists mainly of private housing and the rehabilitation of existing properties. Experience of work of this type would be an advantage. The Architectural Assistant will have responsibility for projects from inception to completion. Commencing salary within the grade range will be in accordance with qualifications and experience.

For application form and job description, please contact the Personnel Officer, Forum Office, Northgate Street, Chester, or telephone: Chester 40144 ext 2126.

Completed applications to be received by 15th August 1986.

**Council of the CITY OF CHESTER**  
**LECTURER GRADE I in BUILDING SURVEYING**  
Salary: £5,324-£11,247 (with further progression to £12,846)  
Under review  
CENTRAL MANCHESTER COLLEGE, Univ. of Advanced and Professional Studies, St John's Centre, Lower Hardman Street, Manchester M3 3JH.  
We are seeking the services of a Chartered Building Surveyor or the above key post in October 1986.

The Unit of Advanced and Professional Studies offers courses in most surveying disciplines at a professional level together with technician courses in all areas of construction.

Surveying education is currently undergoing a period of change from external professional examination to internally assessed courses, and you will be expected to contribute imaginatively to the development of new courses.

Applicants must be graduates who are corporate members of the RICS.

In-Service Training for a teaching certificate is available.

For an informal discussion please ring Alan Davies on 0704 885020.

Application form and further details are available from the Personnel Officer, Central Manchester College, Centres 8 Building, Lower Hardman Street, Manchester M3 3ER. Tel: 061-931 7761, Ext. 336. Closing date: Friday 22nd August 1986.

**MANCHESTER City Council**  
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Manchester City Council is an Equal Opportunity Employer. We particularly welcome applications from women and disabled people. If you are disabled, please let us know your requirements or responsibilities for disabled people.

1 PROJECT ARCH - Lond NW3. 8 week ex new build & 2nd ref.  
2 ARCH - TECH - Survey, good design ability & good  
3 DESIGN - PROJECT ARCH - Herts 8 week post grad. hotels office etc. £1695  
4 ARCH TECHNICIAN - Beds, previous exp previous training £2200. Co op  
5 ARCH TECHNICIAN - 30 Covent Garden, Clerkenwell office etc. £2000

For further details and application form please contact the Recruitment Officer at the address below quoting ref. no. V139/86.

Closing date: 13th August 1986

For informal enquiries please contact K. L. Bartlett on Oxford 64861 ext. 322.

For further details and application form please contact the Recruitment Officer at the address below quoting ref. no. V139/86.

Closing date: 13th August 1986

Oxford Regional Health Authority

Old Road, Headington, Oxford OX3 7LF.

Tel: Oxford 64861. Ext 228/268

Design and Technical Services

**Quantity Surveyor**

Grade: AP5 £10,638 - £11,619 (Pay Award Pending)

plus consolidated allowances of £1,223 and Essential Car User Allowance

Today the Shetland Islands combine a traditional quality of life with a highly successful local economy. As a natural centre for the North Sea Oil and Gas industry, the population and the demand for services has significantly increased. The Islands Council has responded with progressive policies in roads, schools, housing and leisure.

Applications are invited from experienced Quantity Surveyors who should hold Associate Membership of the Royal Institute of Chartered Surveyors (RICS), with considerable post-qualification experience.

The post requires a good knowledge of the Shetland Islands and the ability to work effectively in a rural environment.

Salary: £11,619-£13,671

If you are a qualified Architect with a minimum of 5 years post qualification experience, are used to working in a multi-disciplinary environment, can demonstrate managerial ability and can respond to the needs of the community, then we have an opportunity for you as a Group Development Officer (Architect) looking after much of the urban area of the Shetland Islands.

We are seeking an operator possessing such qualities within one of three areas based within the District whose prime responsibilities will be the supervision of Council sponsored building contracts from inception to completion. In addition to assisting with the day to day management of the Area Team concerned, planning of projects or contracts, dealing with tenders, client liaison and monitoring building contractors, you will be expected to play a leading role in a 'Going Local' project.

The Council is an equal opportunity employer and the post requires a person to demonstrate a commitment to the continued development of community services by working with the public to achieve such aims.

For further details and an application form, please contact The Personnel Group, The Stag, 89 King Street, Stirling, Tel: 0787 87000 ext. 327. Applications must be returned by 15 August 1986.

Application form from the County Architect, County Hall, St. Annes Crescent, Leven, DN7 1BW. Tel: Leven (0273) 475460 ext. 663.

Closing date August 26.

East Sussex is committed to equal opportunity.

**Montrose Architecture**

Senior Architectural Technicians required to assist the architect in the preparation of tenders and contracts.

Applicants should be of HNC standard and be able to demonstrate a good knowledge of building regulations.

Experience in the preparation of tenders and contracts.

Good communication skills and the ability to work under pressure.

Good organisational skills and the ability to work effectively in a team.

Good drawing and presentation skills.

Good communication skills and the ability to work under pressure.

Good organisational skills and the ability to work effectively in a team.

Good drawing and presentation skills.

Good communication skills and the ability to work under pressure.

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Good communication skills and the ability to work under pressure.

Good organisational skills and the ability to work effectively in a team.

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Good organisational skills and the ability to work effectively in a team.

Good



MOXLEY, INNER & PARTNERS

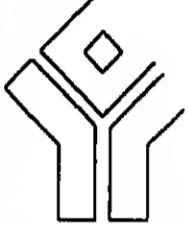
Senior Technicians — with at least 10 years commercial office experience required for production stages of major Thames-side scheme to work in Haymarket & Chelsea offices. Salary £13,000-£16,000

Write to: Alison Moxley, 1 Hobhouse Court, Suffolk St SW1Y 4HH

### TENERIFE SUR

Buscamos una persona preparada para enviar su experiencia. Estamos constituyendo 450 apartamentos en un proyecto de campo de golf. La responsabilidad principal: - planificar y supervisar las obras. - garantizar la calidad de los materiales de acabado, incluyendo vidrios y la pilastra. - establecer una jefatura. - coordinar con ideas para planificar y paisajismo, supervisando la construcción de las mismas. - establecimiento de una administración para operar los servicios de la comunidad, cuando se completa la construcción. - Asistencia al equipo de ventas como representantes personales del promotor. El puesto requiere alguien que este acostumbrado a resolver problemas, que no se desanime ante el reto, energético, sea, con imaginación y preparado para ayudar con cualquier cosa. Deberá ser bilingüe, en español e inglés. El salario se pagará fuera de U.K., donde los impuestos son bajos, y se le proveerá de un paquete de beneficios. Experiencia, incluyendo fotografía, a: Eastern Polymers, Moul House, Alderley, Wotton-under-Edge, Glos. GL12 7QT

Architects & Project Architects



We are looking for architects and project architects with exceptional design skills to join the Travel Office of our friendly Richmond Office.

Our phenomenal growth over the last decade is founded on a reputation for good design tempered with commercial realism, and provides excellent career prospects for the right applicant.

We are in the vanguard of innovative CAD development, and our varied workload includes a wide range of commercial projects with an emphasis on travel related design, such as the prestigious redevelopment of Heathrow's Intercontinental Terminal 3.

If you are looking for an attractive salary with the opportunity to develop your existing skills and acquire new ones contact: Matthew Bacon, Division Director (01-948 5544)

ARCHITECTS:  
MALCOLM HECKS ASSOCIATES

### PRINCIPAL ARCHITECTURAL OFFICER £12,165-£13,200 p.a. under review

This key post is based within the Architectural division of the newly formed Department of Development and Property Management. The successful applicant will support the Assistant Director (Architecture) in providing the full range of Architectural Services for the Council.

Following the recent re-organisation the small enthusiastic Architectural team will shortly be located in the new suite of Civic Offices where it will be required to produce a demanding and varied programme of work. This includes a wide range of Housing and a new Sports Centre (£2,000,000) where site work is about to commence.

Applicants should be registered Architects with several years post-qualification experience, not necessarily in the public sector. They should be able to demonstrate a high standard of design ability and professional competence and possess the necessary management and co-ordinating skills to achieve effective programme implementation.

The post offers an essential user car allowance, housing assistance and relocation expenses. Write to the Personnel & Management Services Officer, Manor House, Turners Hill, Cheam, EN8 for further details and an application form to be returned by 21st August, 1988.

### BOROUGH OF BROXBOURNE

#### Douglas Feat Partnership

have a vacancy offering excellent practical experience working on telecommunications buildings to a

#### PART 3 ARCHITECTURAL ASSISTANT

Please write or telephone  
21 Gloucester Place  
London W1H 3PB  
Tel: 01-487 3581

#### AREA MUSEUM AND ART GALLERY SERVICE FOR YORKSHIRE AND HUMBERSIDE

#### TECHNICAL OFFICER

Scale £10,500-£10,938 (under review)

A highly motivated working manager is required to lead our Technical Section. Responsible for a wide range of technical support services to 200 museums throughout the region. Particular responsibilities include fine art packing and handling, collection care and circulation of touring exhibitions, administration of specialist storage and equipment. Candidates will have a relevant professional qualification and practical experience within one or more of these activities. They must also be able to produce working drawings. The post entails considerable travelling, overtime and essential shift working. Salary: £10,500-£10,938 per annum.

The successful candidate will have

HNC or Higher TEC and will ideally

be a full member of BIA.

Some experience of personal computers and computer aided design would also be an advantage.

Initial remuneration will be in the

region of £9,300 p.a. depending on age

and experience. Good career prospects

are offered and benefits include profit

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and pension and an advantageous staff

housing loan scheme.

Applications giving details of

age, education, qualifications and

experience should be sent to:

The Area Architect (Midlands)

Lloyds Bank Plc

PO Box 61

The Rotunda

149 New Street

Birmingham B2 4NZ.

Closing date: Friday, 22nd August 1988

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